

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064224.D
 Acq On : 15 Nov 2019 13:40
 Operator : VA/SY
 Sample : K5665-01
 Misc : 9.19G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-05-111419

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\82D110819S.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	7.920	1010	1020	1025	rBV	612656	1467817	5.55%	0.498%
2	7.979	1025	1030	1042	rVB	1142539	2527742	9.55%	0.858%
3	8.338	1081	1091	1103	rBV	500069	1131965	4.28%	0.384%
4	8.867	1171	1181	1194	rBV	1586496	3197054	12.08%	1.085%
5	9.979	1364	1370	1383	rVB2	118520	283012	1.07%	0.096%
6	10.114	1383	1393	1408	rVB2	115936	270565	1.02%	0.092%
7	10.344	1423	1432	1438	rBV	2585383	4755463	17.97%	1.613%
8	10.408	1438	1443	1449	rVB	651562	1182762	4.47%	0.401%
9	10.526	1455	1463	1471	rVB	541773	990422	3.74%	0.336%
10	10.779	1500	1506	1511	rBV2	150361	274997	1.04%	0.093%
11	10.955	1526	1536	1542	rBV	182721	327482	1.24%	0.111%
12	11.055	1548	1553	1560	rBV	172803	302656	1.14%	0.103%
13	11.126	1560	1565	1569	rBV2	203372	359995	1.36%	0.122%
14	11.197	1569	1577	1581	rVV	389681	791300	2.99%	0.268%
15	11.250	1581	1586	1592	rVB	361611	669808	2.53%	0.227%
16	11.355	1599	1604	1608	rBV3	269651	455853	1.72%	0.155%
17	11.432	1608	1617	1628	rVB4	1297713	3329571	12.58%	1.130%
18	11.532	1628	1634	1639	rBV	1112326	1758815	6.65%	0.597%
19	11.650	1647	1654	1664	rBV	2021552	3586684	13.55%	1.217%
20	11.750	1664	1671	1675	rBV	1069097	1946194	7.35%	0.660%
21	11.861	1679	1690	1699	rVV3	8046494	18022594	68.11%	6.114%
22	11.932	1699	1702	1708	rVB	1072518	1804980	6.82%	0.612%
23	11.997	1708	1713	1715	rBV2	160161	267439	1.01%	0.091%
24	12.079	1720	1727	1732	rVB3	496433	919472	3.47%	0.312%
25	12.185	1732	1745	1753	rBV3	3395103	10619256	40.13%	3.603%
26	12.273	1755	1760	1764	rVB	1706731	2560417	9.68%	0.869%
27	12.355	1764	1774	1776	rBV5	1266769	2604362	9.84%	0.884%
28	12.397	1776	1781	1791	rVV5	1932611	5463748	20.65%	1.854%
29	12.485	1791	1796	1798	rVV3	735142	1434623	5.42%	0.487%
30	12.538	1800	1805	1806	rVV4	1329662	2487905	9.40%	0.844%
31	12.561	1806	1809	1812	rVV	2174223	3912023	14.78%	1.327%
32	12.591	1812	1814	1818	rVV	2447287	2760885	10.43%	0.937%
33	12.638	1818	1822	1825	rVV	2063572	3269290	12.35%	1.109%
34	12.673	1825	1828	1833	rVV	2176881	3008497	11.37%	1.021%

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Integrator: RTE
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35	12.726	1833	1837	1841	rVB3	501239	747685	2.83%	0.254%
36	12.820	1846	1853	1858	rVB	1886099	3761537	14.21%	1.276%
37	12.891	1858	1865	1868	rBV	5807086	10079872	38.09%	3.420%
38	12.955	1871	1876	1883	rVV2	14903056	26462624	100.00%	8.978%
39	13.014	1883	1886	1891	rVB2	1626266	2358377	8.91%	0.800%
40	13.126	1891	1905	1912	rBV2	3203444	9812998	37.08%	3.329%
41	13.191	1912	1916	1923	rVB3	3183126	5340686	20.18%	1.812%
42	13.273	1923	1930	1936	rBV	10964943	18189922	68.74%	6.171%
43	13.320	1936	1938	1942	rVB	614703	671591	2.54%	0.228%
44	13.373	1943	1947	1949	rBV3	606798	877935	3.32%	0.298%
45	13.402	1950	1952	1956	rVB2	988355	1199978	4.53%	0.407%
46	13.467	1956	1963	1968	rBV4	2858392	5791136	21.88%	1.965%
47	13.514	1968	1971	1974	rVV2	1805133	2409645	9.11%	0.818%
48	13.549	1974	1977	1979	rVV	825917	1102270	4.17%	0.374%
49	13.579	1979	1982	1985	rVV	3400661	5326049	20.13%	1.807%
50	13.614	1985	1988	1992	rVV	3710474	5073787	19.17%	1.721%
51	13.655	1992	1995	1999	rVB	1637261	2028624	7.67%	0.688%
52	13.714	2001	2005	2006	rBV2	398592	506051	1.91%	0.172%
53	13.779	2011	2016	2020	rBV2	4264420	6212366	23.48%	2.108%
54	13.820	2020	2023	2027	rVB3	1514194	1907401	7.21%	0.647%
55	13.902	2032	2037	2042	rBV	8592664	13025232	49.22%	4.419%
56	13.949	2042	2045	2046	rVV	380293	382918	1.45%	0.130%
57	13.979	2046	2050	2057	rVV	1412020	2212512	8.36%	0.751%
58	14.044	2057	2061	2062	rVV	1273263	1620153	6.12%	0.550%
59	14.067	2062	2065	2070	rVB2	2259074	3398168	12.84%	1.153%
60	14.126	2070	2075	2079	rVB	2529406	3699950	13.98%	1.255%
61	14.167	2079	2082	2088	rVB3	592250	1289246	4.87%	0.437%
62	14.238	2088	2094	2099	rVB2	2856085	4839671	18.29%	1.642%
63	14.296	2099	2104	2110	rVB5	657631	1381292	5.22%	0.469%
64	14.373	2110	2117	2120	rBV4	1319616	2994973	11.32%	1.016%
65	14.420	2121	2125	2128	rVV3	1387583	2059477	7.78%	0.699%
66	14.455	2128	2131	2134	rVV3	715664	896029	3.39%	0.304%
67	14.491	2134	2137	2141	rVB	1513595	1907745	7.21%	0.647%
68	14.532	2141	2144	2148	rVB	1443727	1731241	6.54%	0.587%
69	14.579	2148	2152	2158	rVB3	985474	1537380	5.81%	0.522%
70	14.638	2158	2162	2164	rBV4	541019	785946	2.97%	0.267%
71	14.673	2165	2168	2172	rVB	912561	1243695	4.70%	0.422%

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Integration Parameters: RTEINT.P

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72	14.720	2172	2176	2179	rBV	1903703	3258925	12.32%	1.106%
73	14.761	2179	2183	2189	rVB3	3229975	5475428	20.69%	1.858%
74	14.838	2189	2196	2201	rBV4	4138195	9964657	37.66%	3.381%
75	14.996	2217	2223	2229	rVB	3016028	5239084	19.80%	1.777%
76	15.067	2231	2235	2236	rBV2	307532	399522	1.51%	0.136%
77	15.102	2237	2241	2245	rBV3	934338	1447451	5.47%	0.491%
78	15.220	2254	2261	2269	rVB4	1204864	2993967	11.31%	1.016%
79	15.296	2271	2274	2282	rVB6	597460	1231366	4.65%	0.418%
80	15.373	2282	2287	2291	rBV3	873515	1701926	6.43%	0.577%
81	15.467	2298	2303	2308	rBV	884923	1524335	5.76%	0.517%
82	15.520	2308	2312	2316	rBV2	686562	1228162	4.64%	0.417%
83	15.608	2323	2327	2336	rVB3	1420661	2720934	10.28%	0.923%
84	15.708	2336	2344	2351	rBV3	1017669	2505110	9.47%	0.850%
85	15.785	2353	2357	2363	rVV4	319741	636737	2.41%	0.216%
86	15.879	2367	2373	2375	rVV3	581589	1213726	4.59%	0.412%
87	15.920	2375	2380	2389	rVB	1729685	3415951	12.91%	1.159%
88	16.085	2401	2408	2414	rBV3	421681	1077239	4.07%	0.365%
89	16.238	2425	2434	2440	rBV4	828137	2059777	7.78%	0.699%
90	16.438	2463	2468	2475	rVV2	540429	1226126	4.63%	0.416%
91	16.508	2475	2480	2486	rVV3	331301	733679	2.77%	0.249%
92	16.567	2486	2490	2496	rVB2	250025	458323	1.73%	0.155%
93	16.708	2508	2514	2521	rBV5	213991	632432	2.39%	0.215%

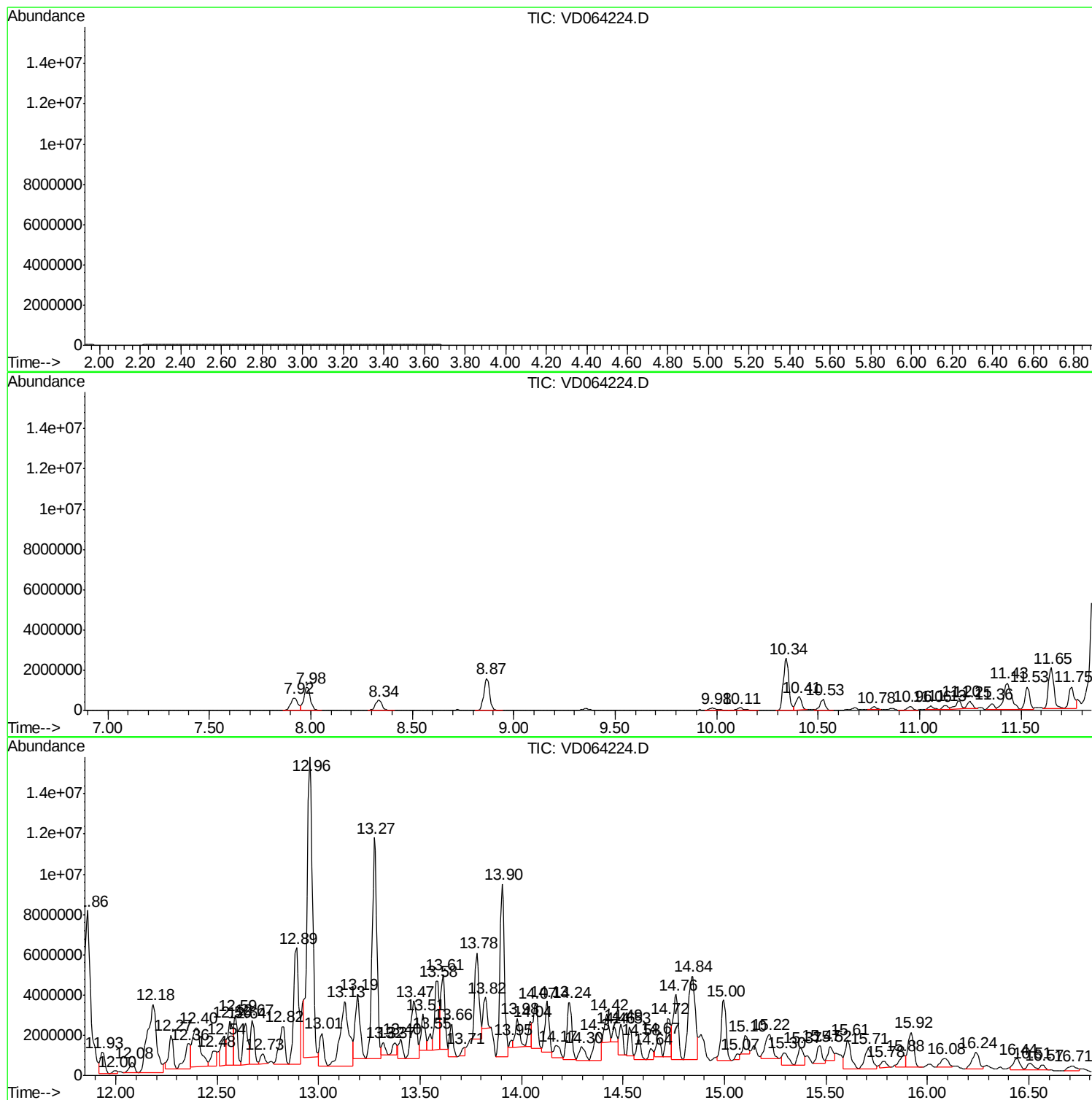
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Quant Title : SW846 8260

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



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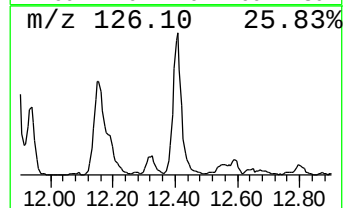
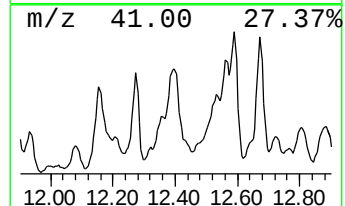
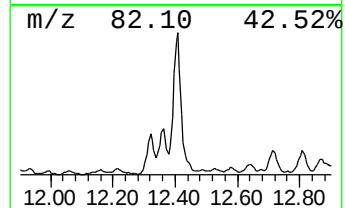
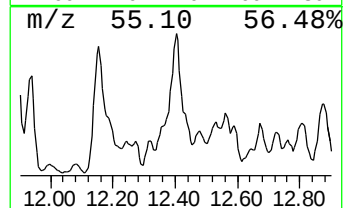
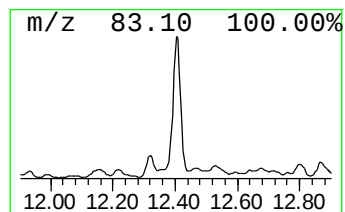
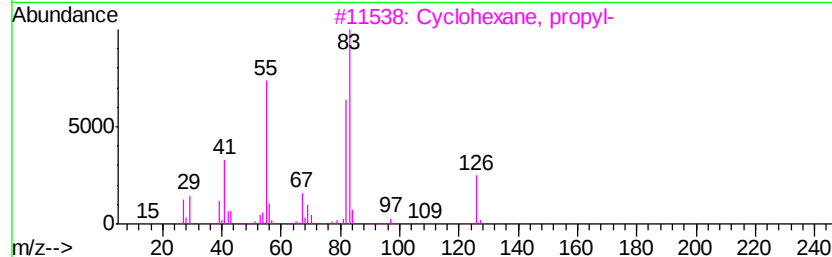
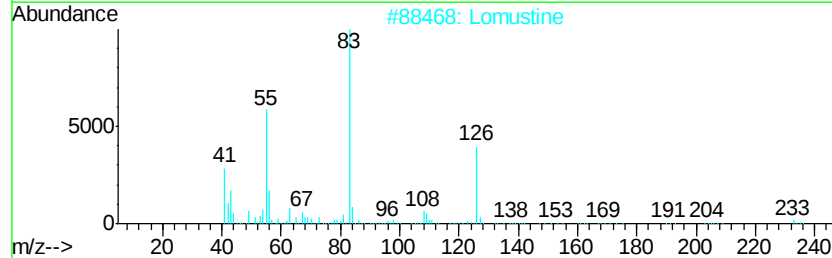
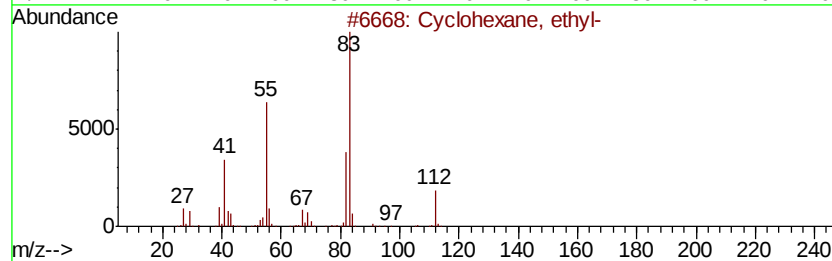
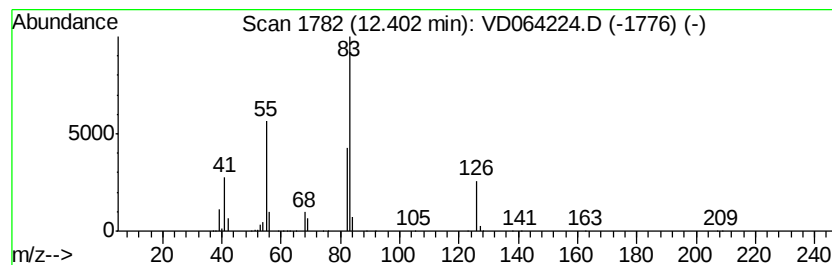
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	76.17 ug/l	5463750	Chlorobenzene-d5	11.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
2		Lomustine	233	C9H16ClN3O2	013010-47-4	50
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	47
4		Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	47
5		7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	47



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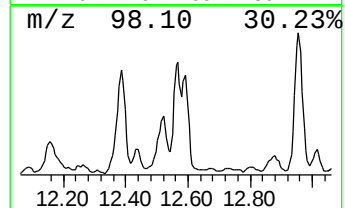
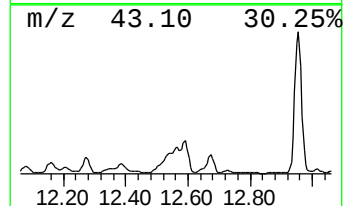
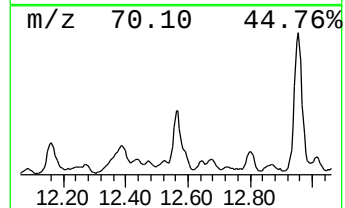
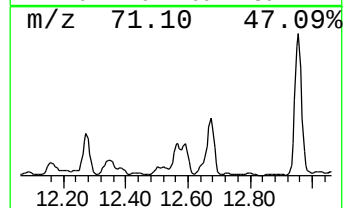
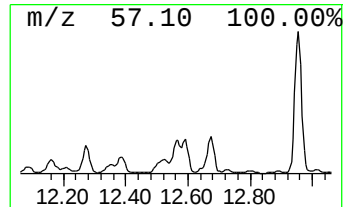
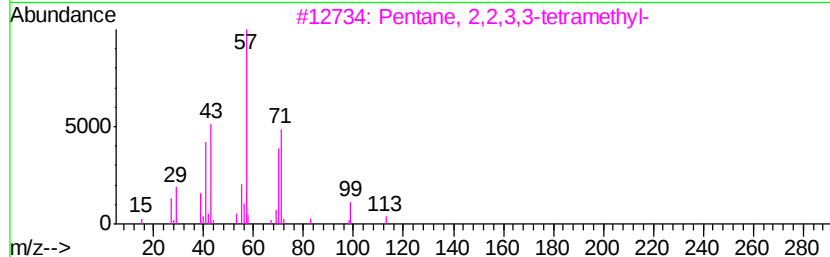
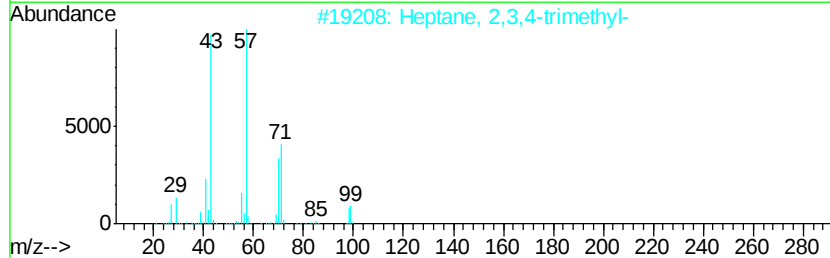
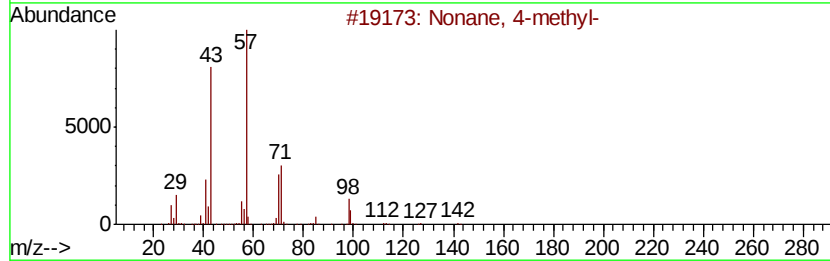
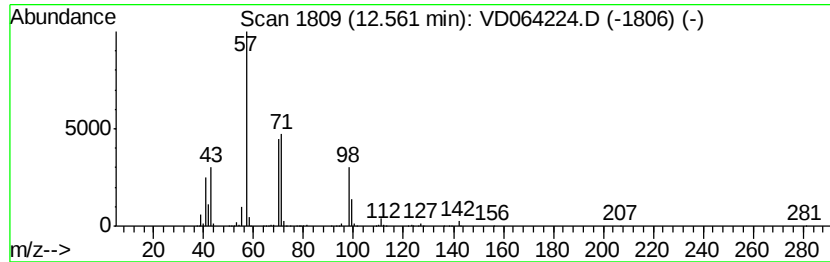
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Nonane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	54.54 ug/l	3912020	Chlorobenzene-d5	11.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
2		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
3		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	45
4		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43
5		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	38



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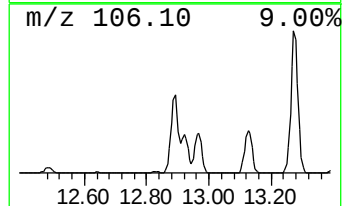
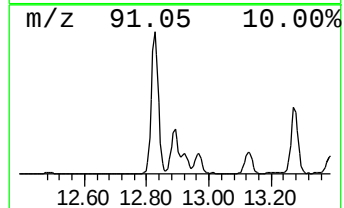
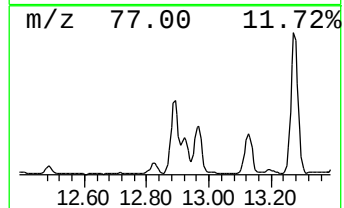
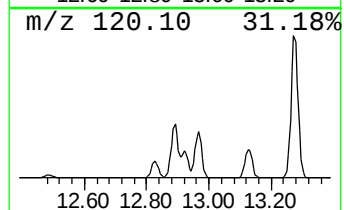
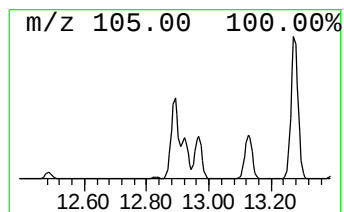
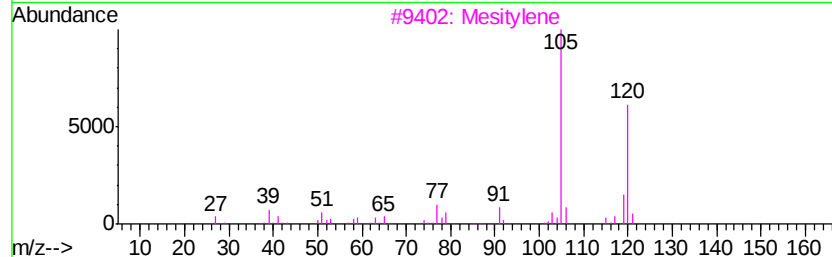
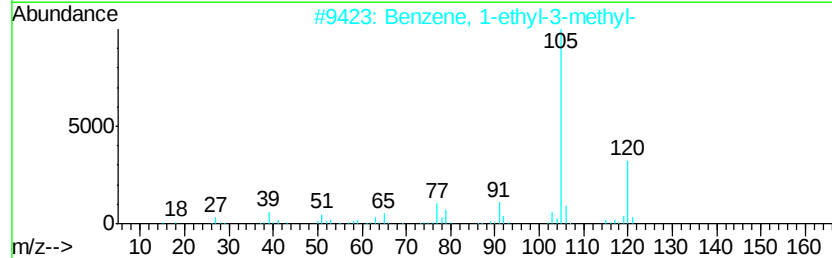
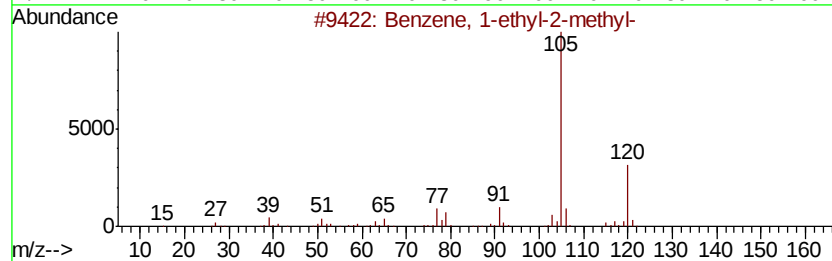
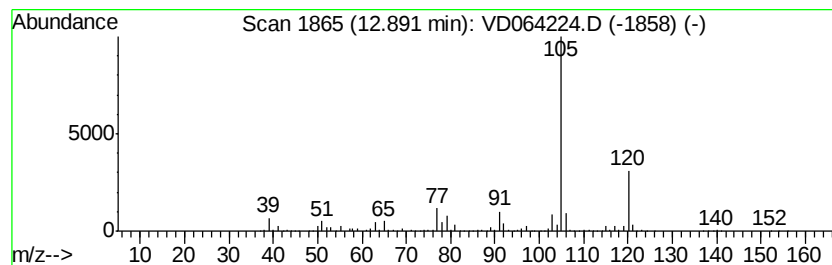
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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.89	94.63 ug/l	10079900	1,4-Dichlorobenzene-d4	13.58		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111519\
Data File : VD064224.D
Acq On : 15 Nov 2019 13:40
Operator : VA/SY
Sample : K5665-01
Misc : 9.19G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-05-111419

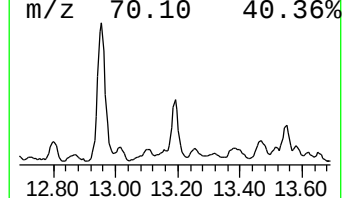
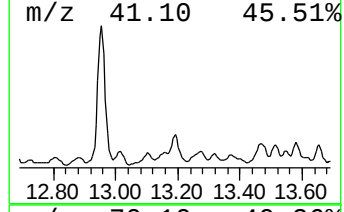
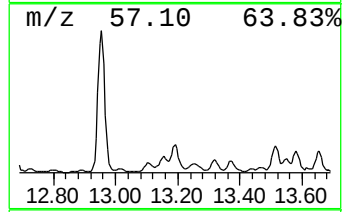
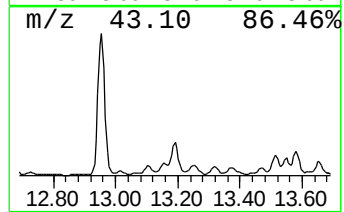
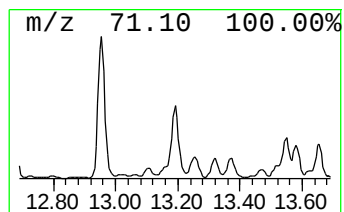
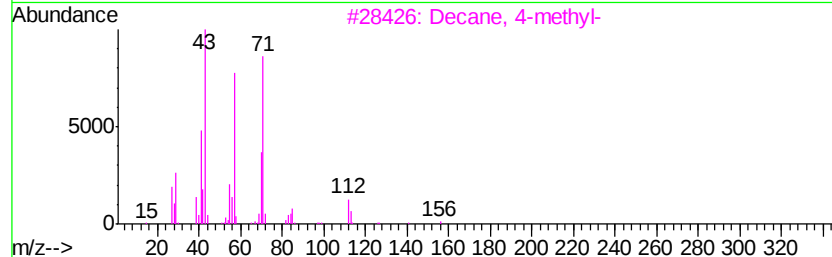
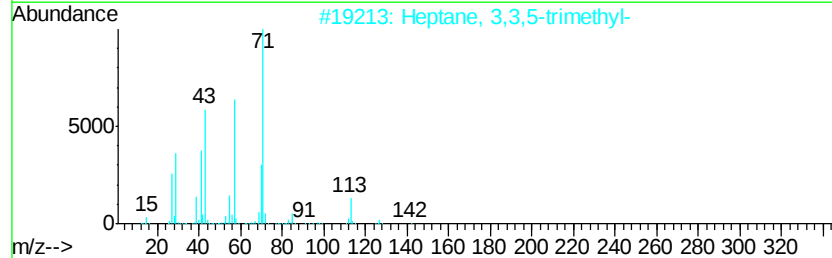
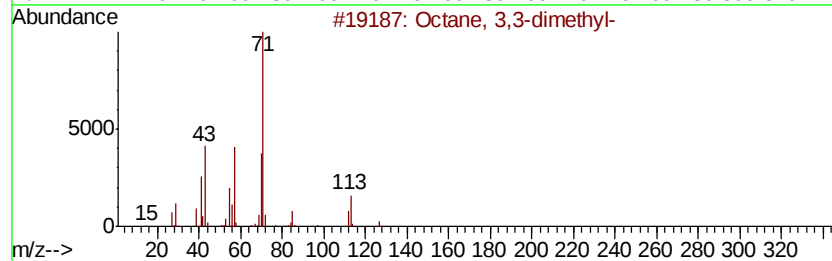
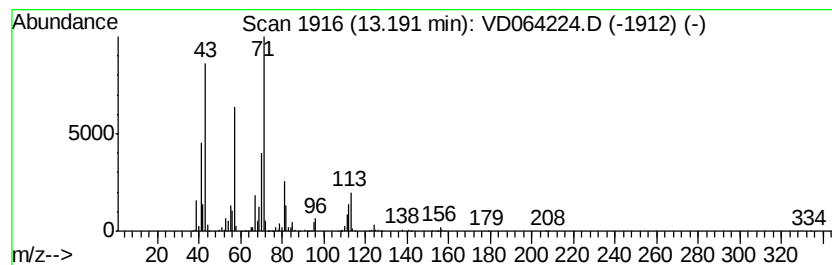
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Quant Title : SW846 8260

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

Peak Number 5 Octane, 3,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	50.14 ug/l	5340690	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
3		Decane, 4-methyl-	156	C11H24	002847-72-5	59
4		n-Amyl ether	158	C10H22O	000693-65-2	50
5		1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111519\
Data File : VD064224.D
Acq On : 15 Nov 2019 13:40
Operator : VA/SY
Sample : K5665-01
Misc : 9.19G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-05-111419

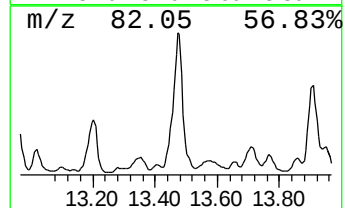
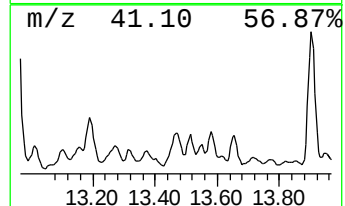
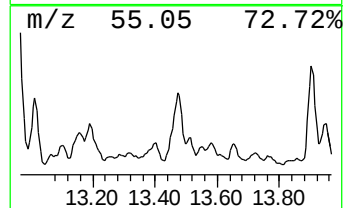
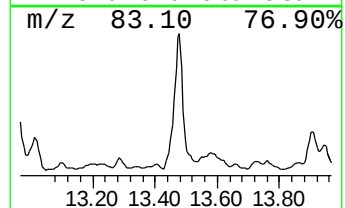
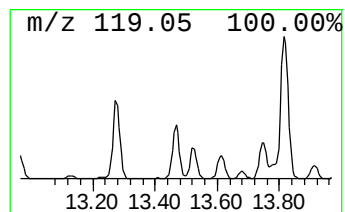
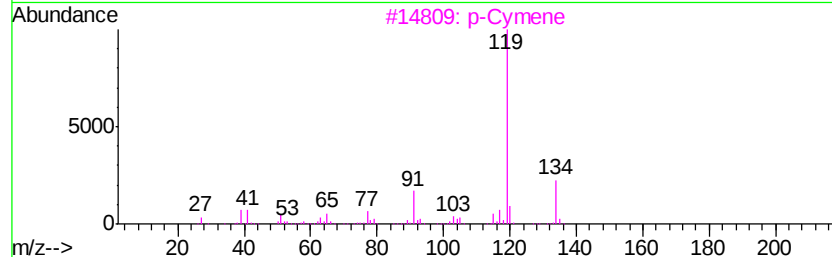
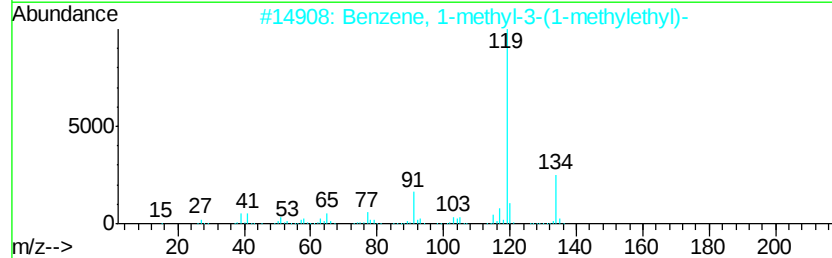
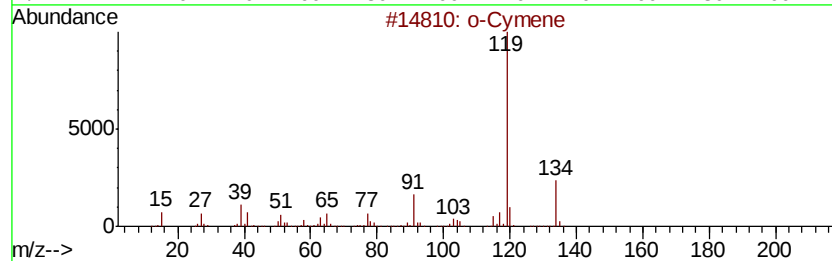
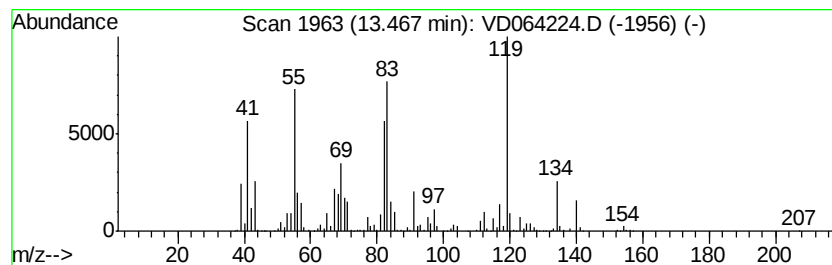
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Quant Title : SW846 8260

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

Peak Number 6 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	54.37 ug/l	5791140	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	86
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	86
3		p-Cymene	134	C10H14	000099-87-6	86
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	42
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111519\
Data File : VD064224.D
Acq On : 15 Nov 2019 13:40
Operator : VA/SY
Sample : K5665-01
Misc : 9.19G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-05-111419

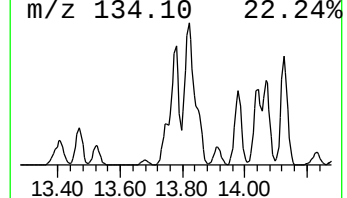
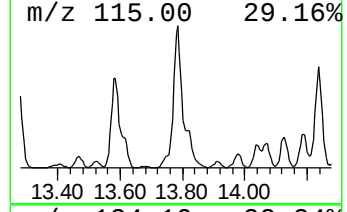
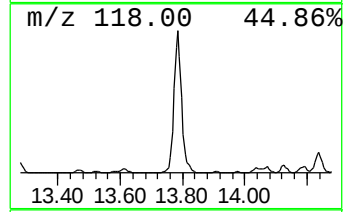
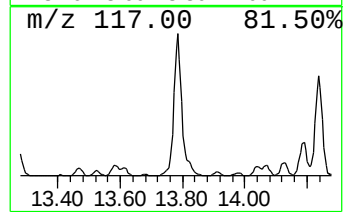
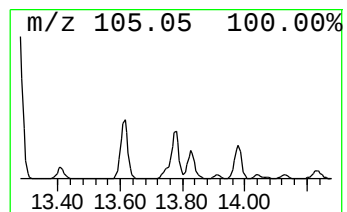
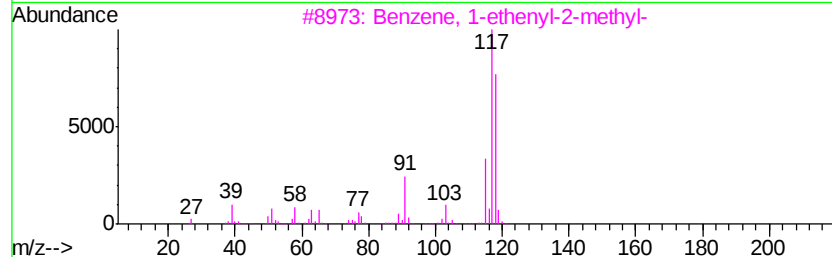
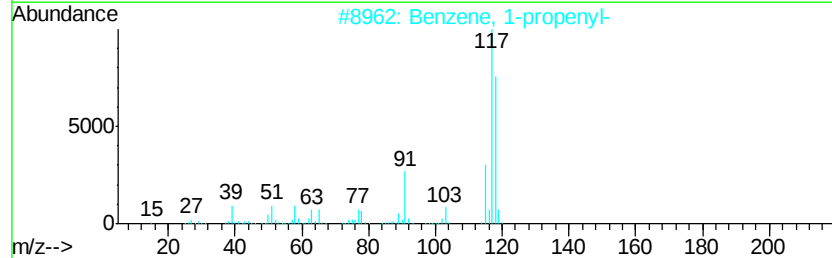
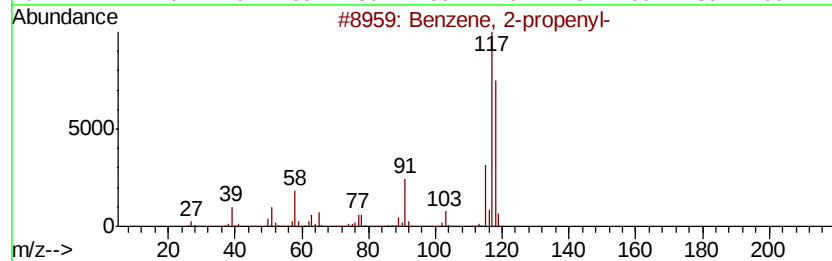
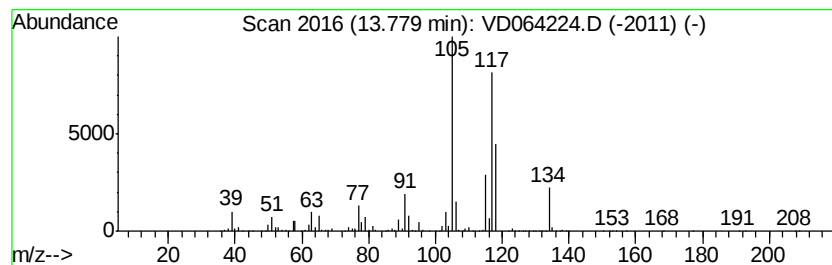
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 2-propenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	58.32 ug/l	6212370	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
2		Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
5		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064224.D
 Acq On : 15 Nov 2019 13:40
 Operator : VA/SY
 Sample : K5665-01
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 ALS Vial : 9 Sample Multiplier: 1

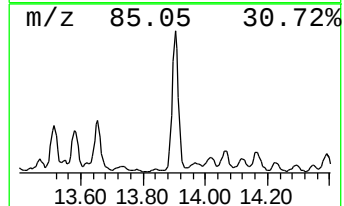
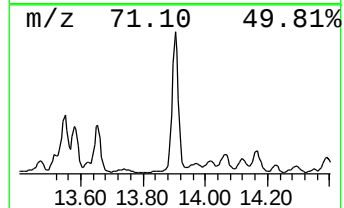
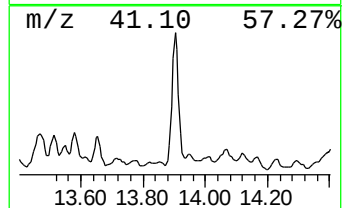
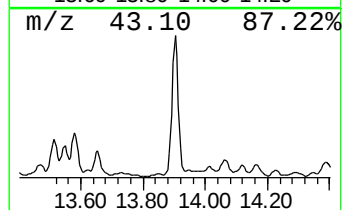
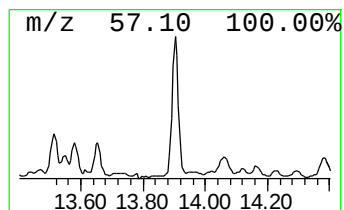
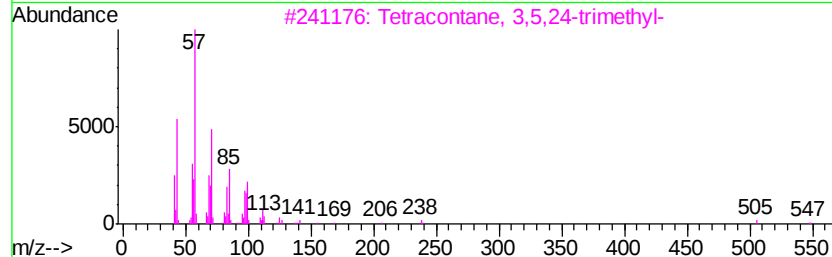
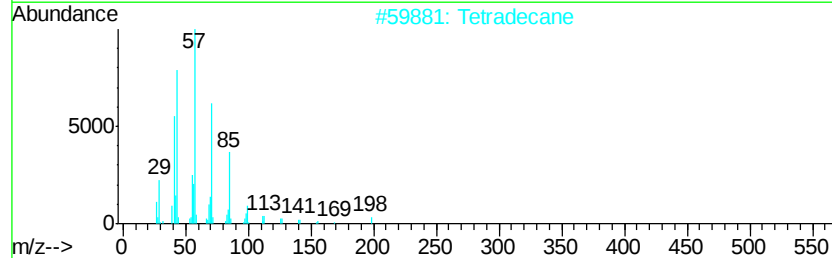
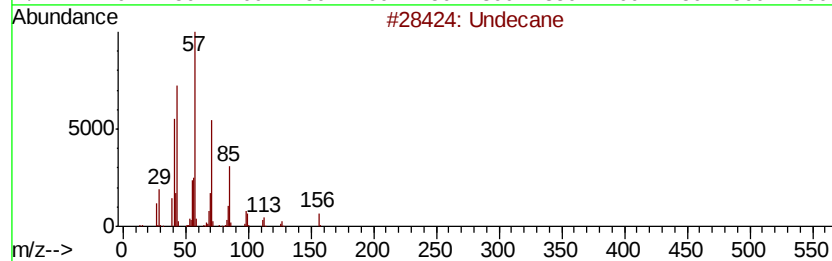
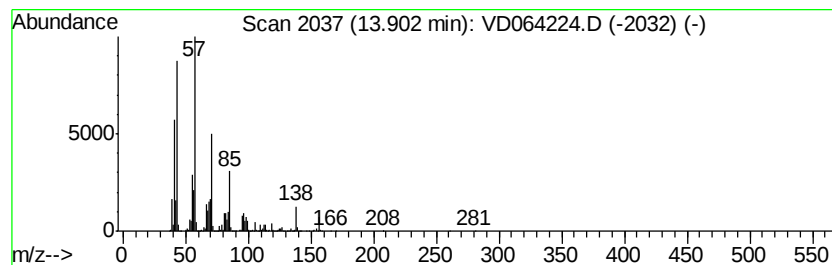
Instrument :
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 ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260

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

 Peak Number 8 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	122.28 ug/l	13025200	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	96
2	Tetradecane	198 C14H30	000629-59-4	72
3	Tetracontane, 3,5,24-trimethyl-	605 C43H88	055162-61-3	59
4	Heptadecane, 2,6,10,14-tetramethyl-	296 C21H44	018344-37-1	50
5	Hexadecane	226 C16H34	000544-76-3	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111519\
Data File : VD064224.D
Acq On : 15 Nov 2019 13:40
Operator : VA/SY
Sample : K5665-01
Misc : 9.19G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

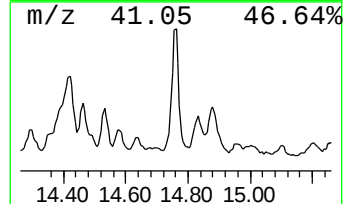
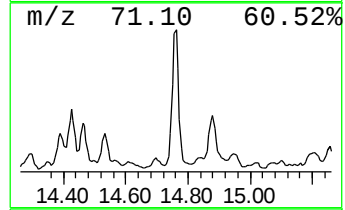
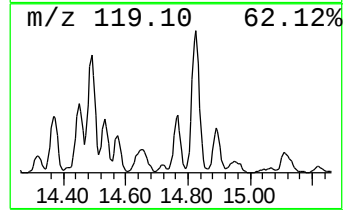
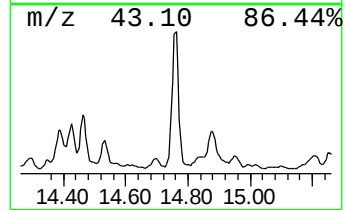
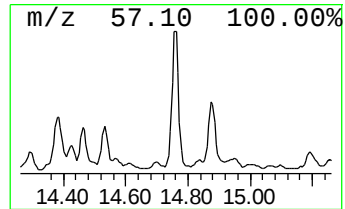
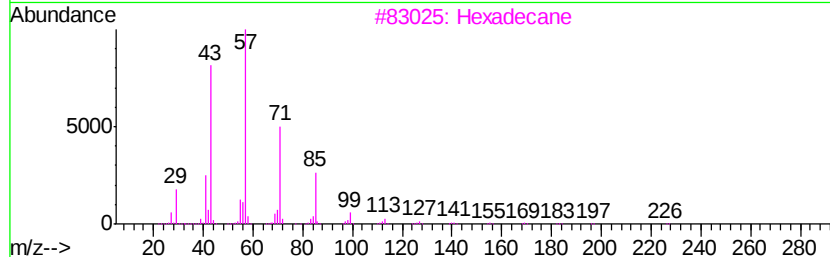
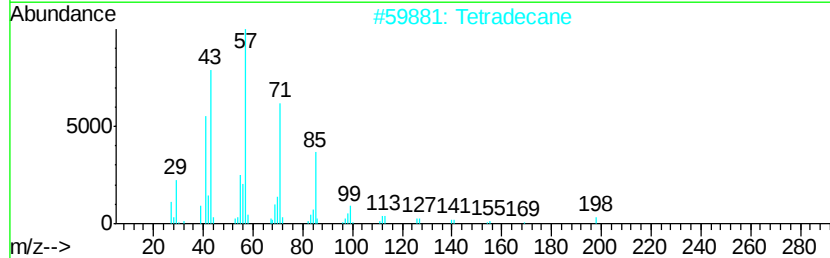
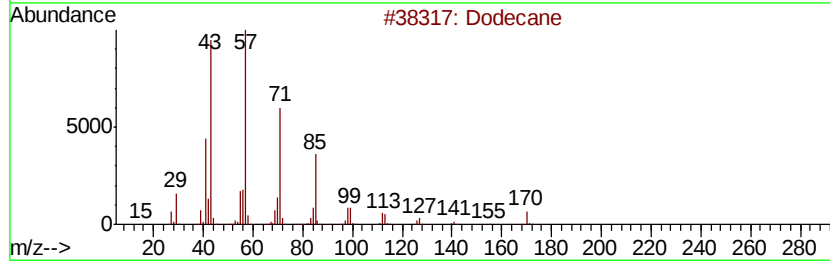
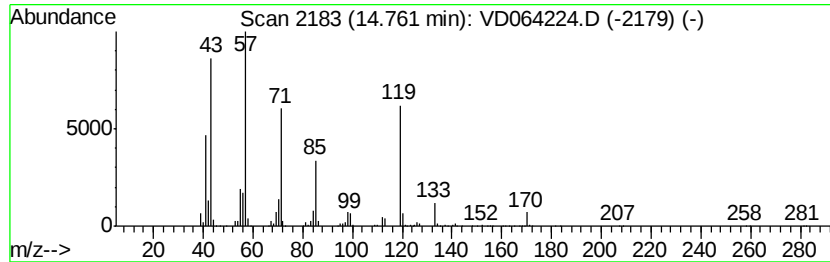
Instrument :
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ClientSampleId :
HR-05-111419

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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

Peak Number 9 Dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	51.40 ug/l	5475430	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	96
2	Tetradecane	198 C14H30	000629-59-4	49
3	Hexadecane	226 C16H34	000544-76-3	49
4	Tridecane	184 C13H28	000629-50-5	49
5	Undecane	156 C11H24	001120-21-4	49



Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
Data File : VD064224.D
Acq On : 15 Nov 2019 13:40
Operator : VA/SY
Sample : K5665-01
Misc : 9.19G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-05-111419

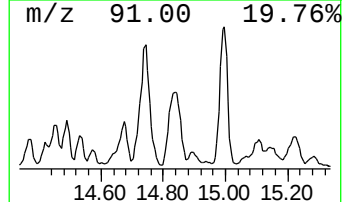
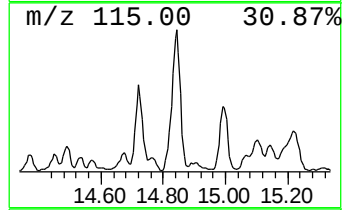
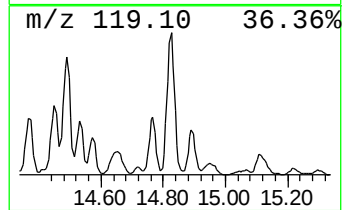
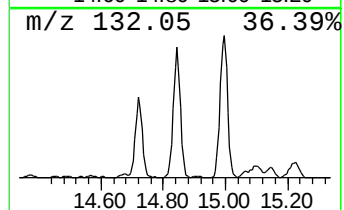
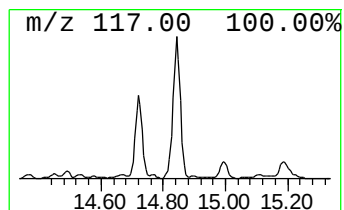
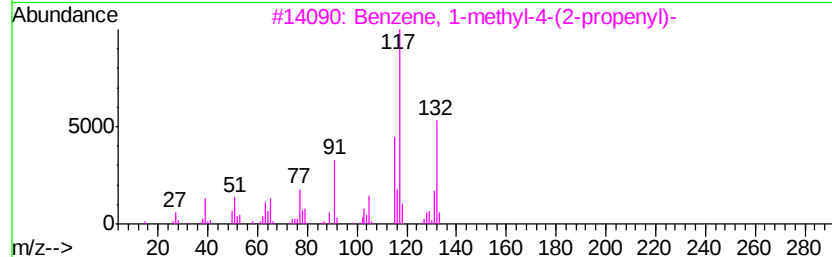
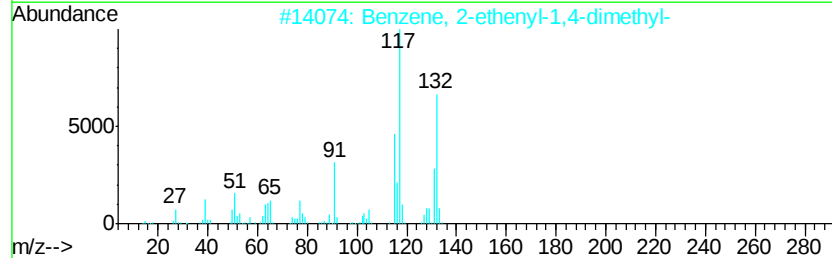
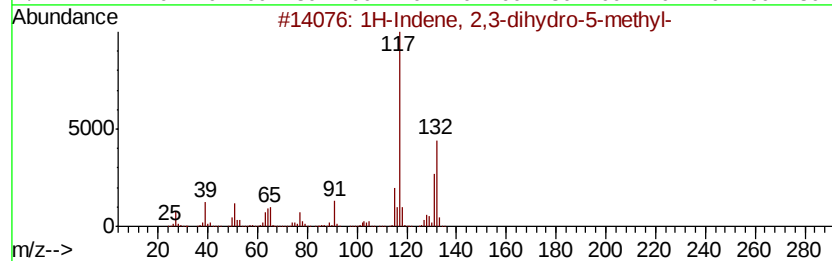
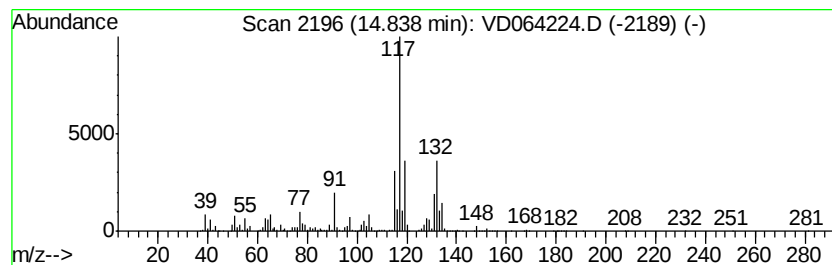
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Quant Title : SW846 8260

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

Peak Number 10 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	93.55 ug/l	9964660	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	93
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
4		2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	81



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111519\
Data File : VD064224.D
Acq On : 15 Nov 2019 13:40
Operator : VA/SY
Sample : K5665-01
Misc : 9.19G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-05-111419

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.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
Cyclohexane, ethyl-	12.40	76.2	ug/l	5463750	3	11.65	3586680	50.0
Nonane, 4-methyl-	12.56	54.5	ug/l	3912020	3	11.65	3586680	50.0
Benzene, 1-ethyl-...	12.89	94.6	ug/l	10079900	4	13.58	5326050	50.0
Octane, 3,3-dimet...	13.19	50.1	ug/l	5340690	4	13.58	5326050	50.0
o-Cymene	13.47	54.4	ug/l	5791140	4	13.58	5326050	50.0
Benzene, 2-propenyl-	13.78	58.3	ug/l	6212370	4	13.58	5326050	50.0
Undecane	13.90	122.3	ug/l	13025200	4	13.58	5326050	50.0
Dodecane	14.76	51.4	ug/l	5475430	4	13.58	5326050	50.0
1H-Indene, 2,3-di...	14.84	93.5	ug/l	9964660	4	13.58	5326050	50.0