

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021320\
 Data File : VD065177.D
 Acq On : 13 Feb 2020 15:03
 Operator : VA/SY
 Sample : L1518-01
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-STONES

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\82D020520S.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	2.320	63	68	72	rBV4	9926	17657	1.19%	0.112%
2	4.967	506	518	529	rBV3	24983	80788	5.42%	0.510%
3	5.997	683	693	701	rVB6	7011	20911	1.40%	0.132%
4	7.214	892	900	911	rVB2	22516	61626	4.14%	0.389%
5	7.920	1011	1020	1024	rBV	286341	675723	45.36%	4.270%
6	7.979	1024	1030	1039	rVV	471016	1116030	74.91%	7.052%
7	8.061	1039	1044	1055	rVB4	23174	62750	4.21%	0.396%
8	8.185	1057	1065	1074	rBV2	99299	228322	15.33%	1.443%
9	8.338	1079	1091	1103	rVB	239545	563038	37.79%	3.558%
10	8.450	1103	1110	1118	rBV8	15199	47923	3.22%	0.303%
11	8.608	1131	1137	1146	rVB4	15615	36663	2.46%	0.232%
12	8.726	1149	1157	1169	rBV	215245	478680	32.13%	3.025%
13	8.867	1173	1181	1188	rBV	744628	1489824	100.00%	9.414%
14	9.120	1215	1224	1228	rBV5	13574	31358	2.10%	0.198%
15	9.355	1250	1264	1270	rBV4	48559	128136	8.60%	0.810%
16	9.408	1270	1273	1280	rVB6	15932	29087	1.95%	0.184%
17	9.544	1289	1296	1302	rVB4	15915	31236	2.10%	0.197%
18	9.914	1352	1359	1364	rBV6	7320	17130	1.15%	0.108%
19	10.120	1386	1394	1398	rBV6	10033	20509	1.38%	0.130%
20	10.232	1407	1413	1424	rBV	48108	90354	6.06%	0.571%
21	10.344	1424	1432	1438	rBV	794948	1446223	97.07%	9.138%
22	10.408	1438	1443	1456	rVV	211553	462024	31.01%	2.919%
23	10.526	1456	1463	1469	rVB3	34647	66329	4.45%	0.419%
24	10.732	1492	1498	1502	rBV2	24547	41151	2.76%	0.260%
25	10.785	1502	1507	1517	rVB7	10042	23282	1.56%	0.147%
26	10.873	1517	1522	1528	rVB4	12111	22696	1.52%	0.143%
27	10.961	1528	1537	1543	rBV5	10107	25629	1.72%	0.162%
28	11.067	1546	1555	1556	rBV7	12432	22702	1.52%	0.143%
29	11.196	1573	1577	1582	rVB2	18261	27954	1.88%	0.177%
30	11.249	1582	1586	1592	rBV6	11585	22359	1.50%	0.141%
31	11.355	1599	1604	1610	rBV4	16776	34869	2.34%	0.220%
32	11.432	1610	1617	1620	rBV3	22196	48078	3.23%	0.304%
33	11.538	1629	1635	1639	rBV	22929	35559	2.39%	0.225%
34	11.649	1645	1654	1665	rBV	614837	1093031	73.37%	6.906%

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Integrator: RTE
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35	11.749	1665	1671	1675	rBV	51808	89939	6.04%	0.568%
36	11.808	1677	1681	1684	rVV5	32673	57030	3.83%	0.360%
37	11.861	1684	1690	1700	rVB2	218101	419612	28.17%	2.651%
38	12.185	1733	1745	1754	rBV6	87387	233183	15.65%	1.473%
39	12.279	1756	1761	1765	rVB4	20540	35794	2.40%	0.226%
40	12.361	1771	1775	1776	rVV3	16300	22825	1.53%	0.144%
41	12.402	1777	1782	1790	rVV5	36756	87483	5.87%	0.553%
42	12.491	1792	1797	1799	rVV4	13308	22049	1.48%	0.139%
43	12.567	1801	1810	1812	rVV7	28841	84725	5.69%	0.535%
44	12.591	1812	1814	1817	rVV3	33306	45075	3.03%	0.285%
45	12.643	1817	1823	1833	rVB	361171	662218	44.45%	4.184%
46	12.832	1847	1855	1859	rBV2	19632	34942	2.35%	0.221%
47	12.896	1859	1866	1867	rBV	73436	118944	7.98%	0.752%
48	12.920	1867	1870	1873	rVV2	78745	130818	8.78%	0.827%
49	12.961	1873	1877	1883	rVB2	188972	325286	21.83%	2.055%
50	13.020	1885	1887	1891	rVB4	20719	25142	1.69%	0.159%
51	13.067	1891	1895	1899	rBV6	9750	16591	1.11%	0.105%
52	13.132	1899	1906	1907	rBV	50219	76190	5.11%	0.481%
53	13.196	1914	1917	1923	rVB4	27030	39418	2.65%	0.249%
54	13.279	1924	1931	1936	rBV	212354	341630	22.93%	2.159%
55	13.338	1936	1941	1947	rVB	539861	807856	54.22%	5.105%
56	13.408	1950	1953	1956	rBV3	18244	25932	1.74%	0.164%
57	13.467	1957	1963	1968	rVB5	49753	93426	6.27%	0.590%
58	13.514	1968	1971	1975	rBV3	32005	43436	2.92%	0.274%
59	13.585	1978	1983	1986	rBV2	178676	266822	17.91%	1.686%
60	13.655	1992	1995	1997	rBV2	24666	26982	1.81%	0.170%
61	13.779	2005	2016	2020	rBV2	100270	215727	14.48%	1.363%
62	13.826	2020	2024	2033	rVV3	126374	256256	17.20%	1.619%
63	13.908	2033	2038	2043	rVV	171760	250222	16.80%	1.581%
64	13.979	2046	2050	2055	rVV	46736	72309	4.85%	0.457%
65	14.043	2057	2061	2063	rVV	71366	104538	7.02%	0.661%
66	14.073	2063	2066	2070	rVV	82044	118446	7.95%	0.748%
67	14.132	2070	2076	2081	rVB	135183	216969	14.56%	1.371%
68	14.238	2088	2094	2100	rBV	78761	142663	9.58%	0.901%
69	14.320	2100	2108	2112	rVB5	20662	52292	3.51%	0.330%
70	14.379	2112	2118	2123	rBV3	47030	118587	7.96%	0.749%
71	14.432	2123	2127	2128	rVV4	38034	60810	4.08%	0.384%

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72	14.461	2128	2132	2135	rVV2	78015	144089	9.67%	0.910%
73	14.490	2135	2137	2141	rVV	74168	91385	6.13%	0.577%
74	14.537	2141	2145	2148	rVV4	38303	51052	3.43%	0.323%
75	14.732	2172	2178	2181	rBV3	80588	145253	9.75%	0.918%
76	14.761	2181	2183	2189	rVB2	117394	155500	10.44%	0.983%
77	14.832	2189	2195	2202	rBV4	47873	139176	9.34%	0.879%
78	14.996	2221	2223	2228	rVB6	12335	18138	1.22%	0.115%
79	15.102	2239	2241	2247	rVB6	12863	18723	1.26%	0.118%
80	15.202	2254	2258	2265	rBV5	20320	43019	2.89%	0.272%
81	15.255	2265	2267	2271	rBV4	11606	16000	1.07%	0.101%
82	15.302	2271	2275	2282	rVB5	35930	67412	4.52%	0.426%
83	15.373	2282	2287	2293	rBV6	26625	57833	3.88%	0.365%
84	15.614	2323	2328	2338	rVB2	47413	87224	5.85%	0.551%
85	16.079	2402	2407	2409	rBV6	12834	19544	1.31%	0.123%
86	16.226	2425	2432	2439	rBV10	16367	40966	2.75%	0.259%
87	16.514	2475	2481	2488	rBV2	103435	215920	14.49%	1.364%
88	16.579	2488	2492	2497	rVB5	20822	40045	2.69%	0.253%
89	16.720	2507	2516	2527	rBV	51846	133158	8.94%	0.841%

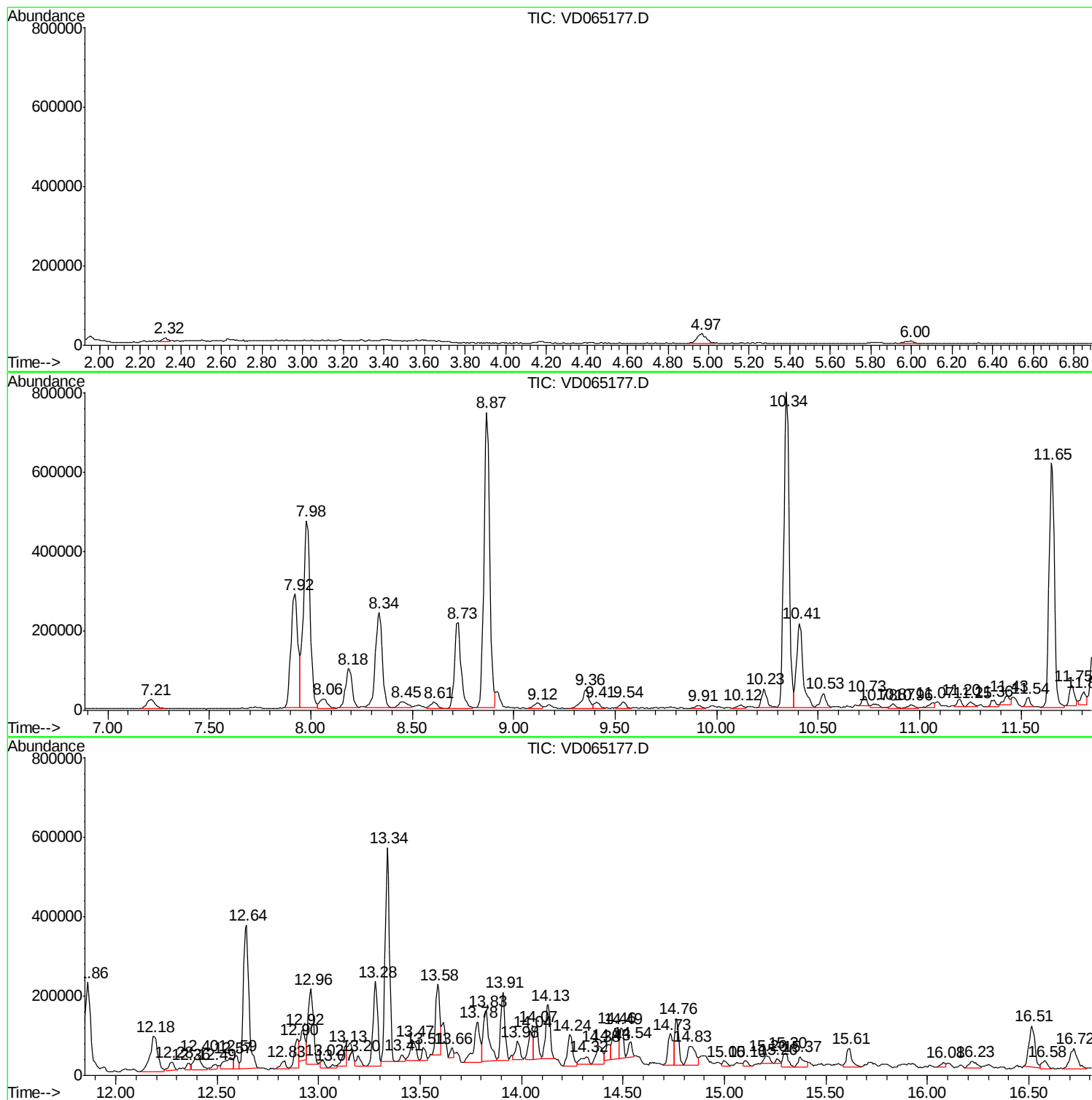
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260

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



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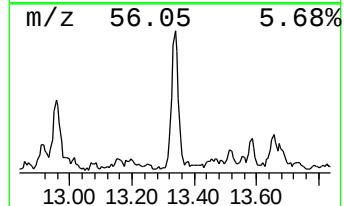
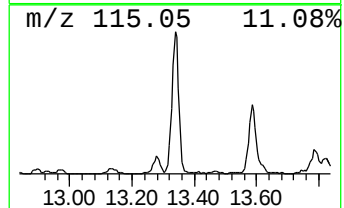
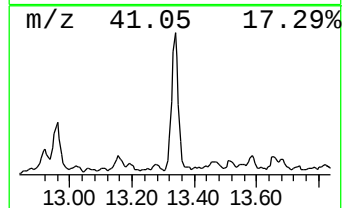
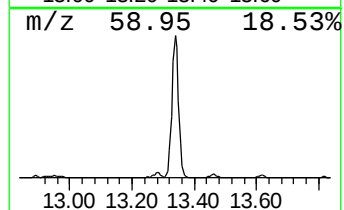
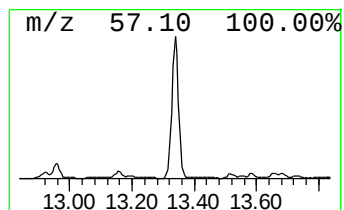
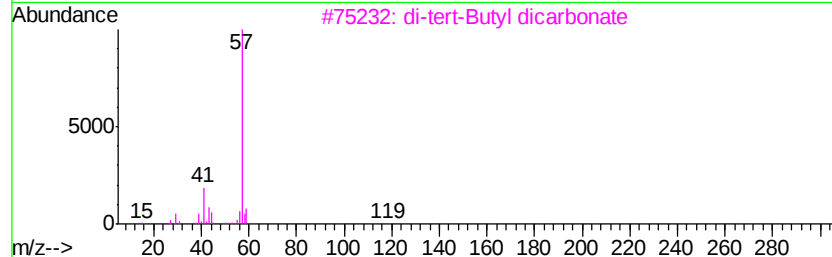
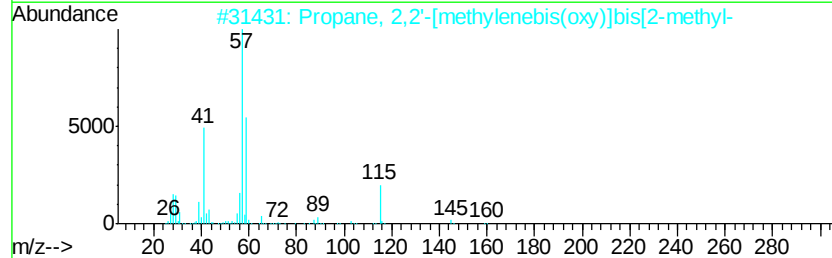
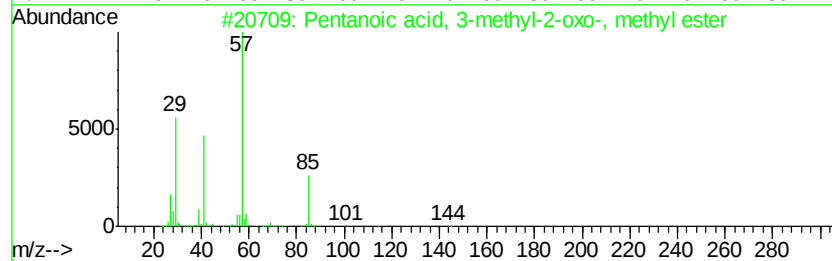
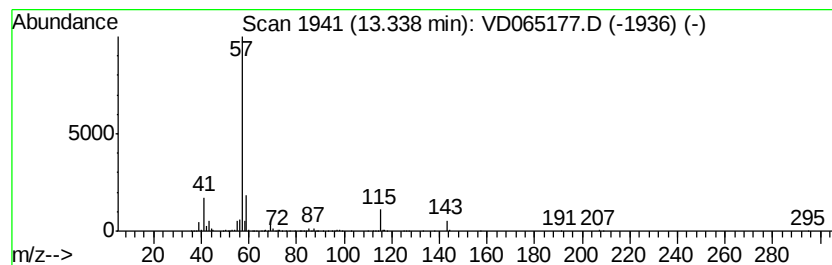
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown13.34 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	151.39 ug/l	807856	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanoic acid, 3-methyl-2-oxo-,...	144	C7H12O3	003682-42-6	38
2		Propane, 2,2'-[methylenebis(oxo)]...	160	C9H20O2	002568-93-6	37
3		di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	37
4		Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	36
5		di-tert-Butyl malonate	216	C11H20O4	000541-16-2	28



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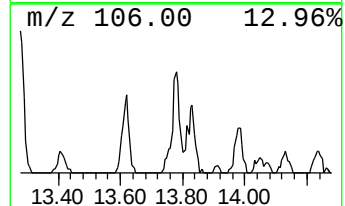
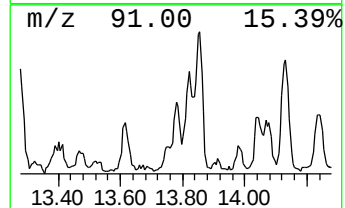
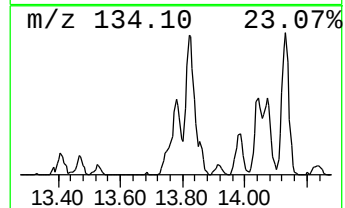
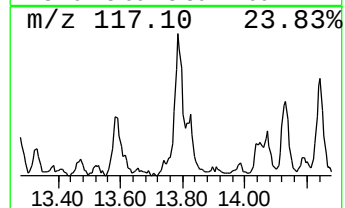
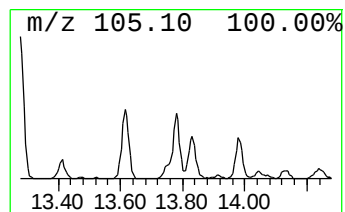
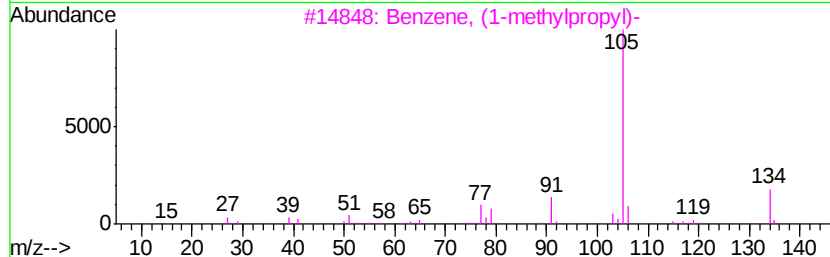
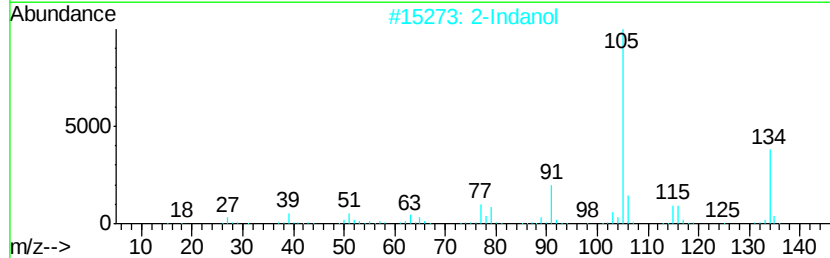
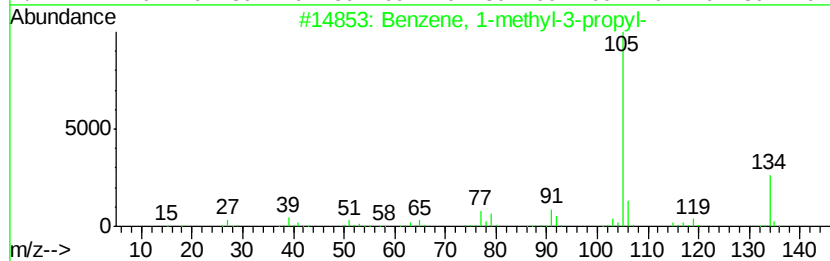
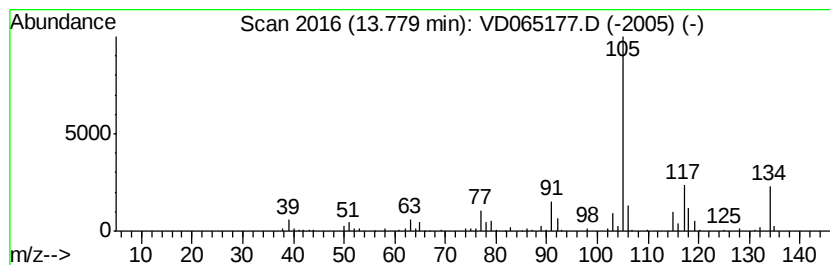
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-methyl-3-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	40.43 ug/l	215727	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	60
2		2-Indanol	134	C9H10O	004254-29-9	58
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	53
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	49
5		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	46



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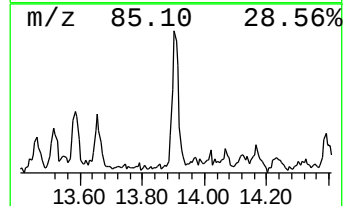
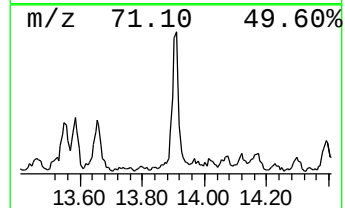
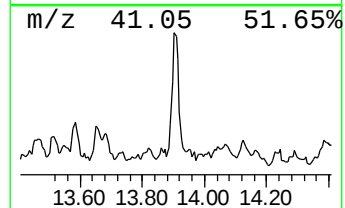
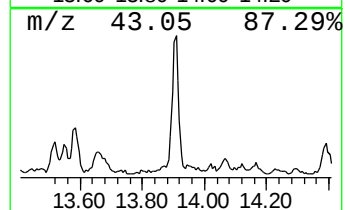
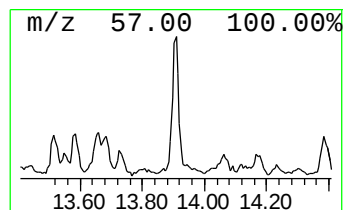
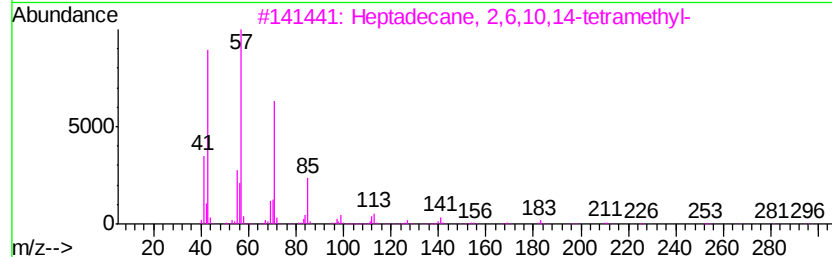
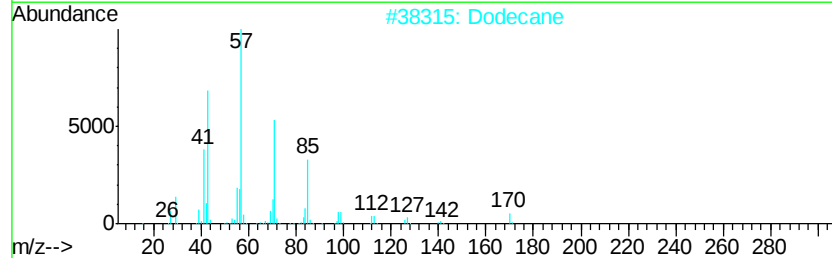
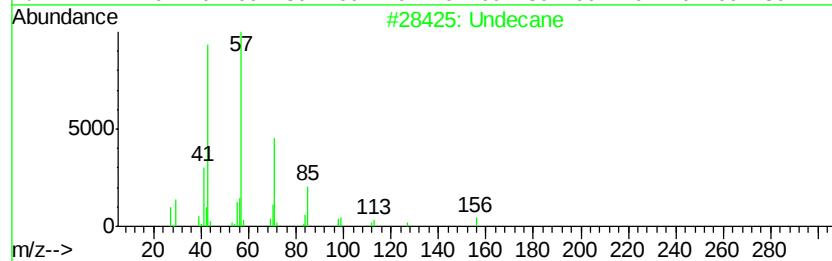
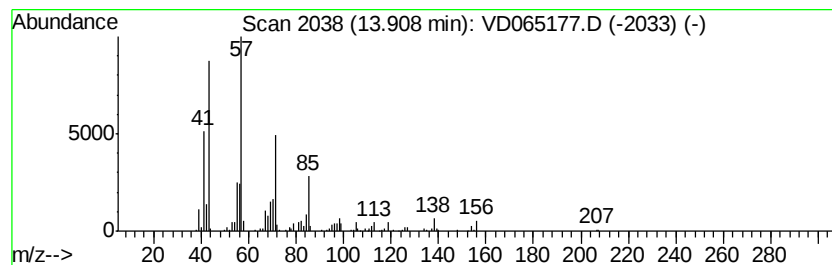
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260

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

 Peak Number 3 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	46.89 ug/l	250222	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	87
2		Dodecane	170	C12H26	000112-40-3	72
3		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	59
4		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	59
5		Tetradecane	198	C14H30	000629-59-4	59



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ClientSampleId :
OILY-STONES

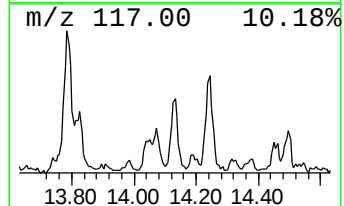
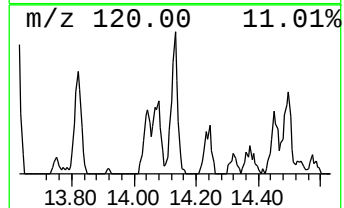
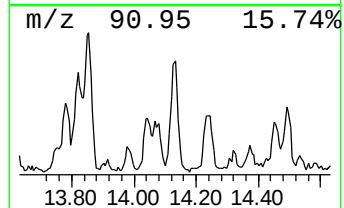
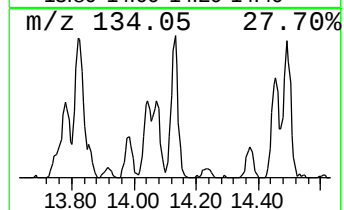
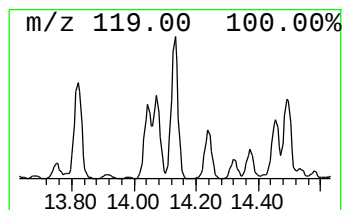
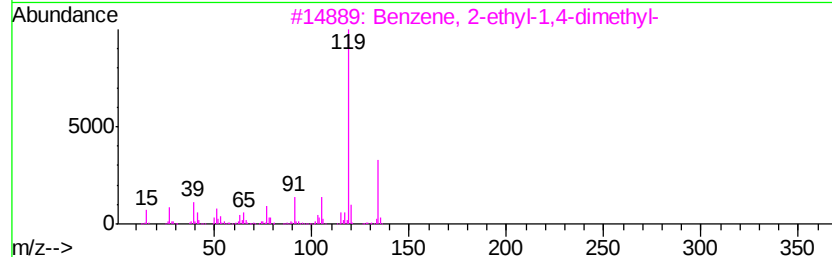
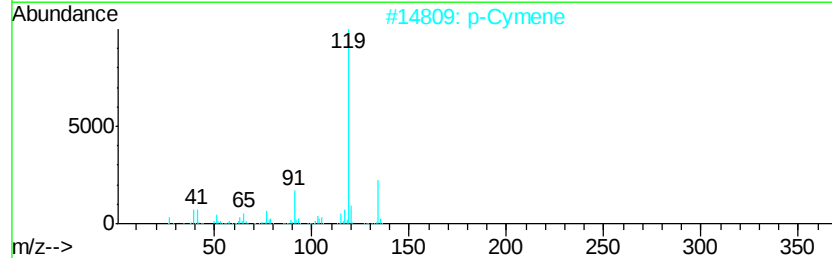
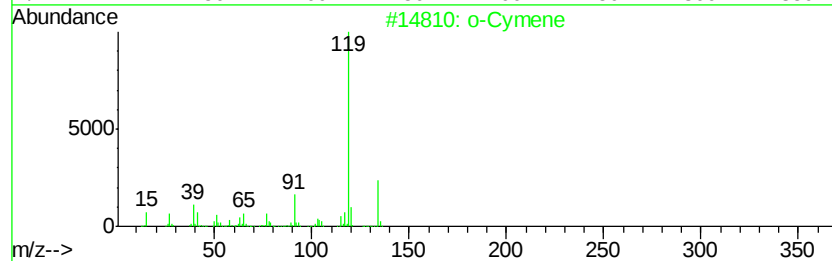
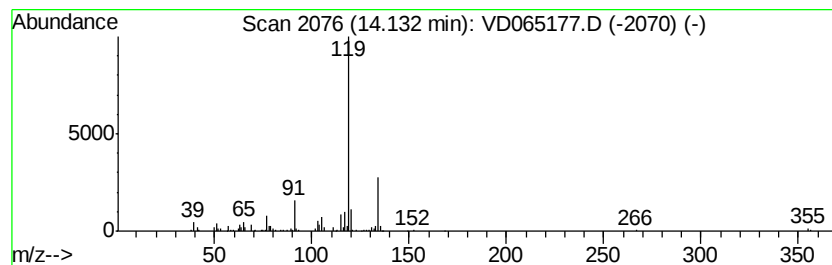
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Quant Title : SW846 8260

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

Peak Number 4 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	40.66 ug/l	216969	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	94
2		p-Cymene	134	C10H14	000099-87-6	94
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021320\
Data File : VD065177.D
Acq On : 13 Feb 2020 15:03
Operator : VA/SY
Sample : L1518-01
Misc : 5.04G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OILY-STONES

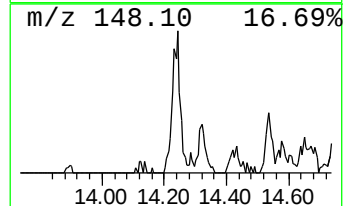
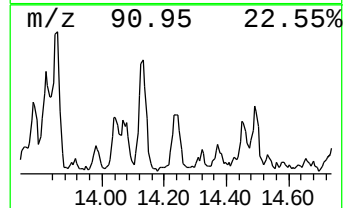
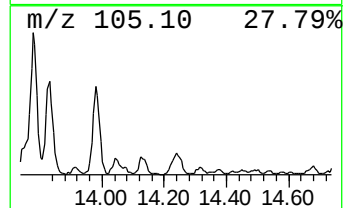
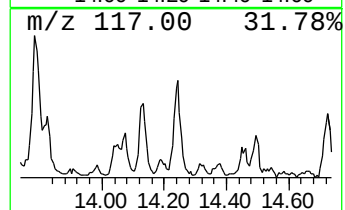
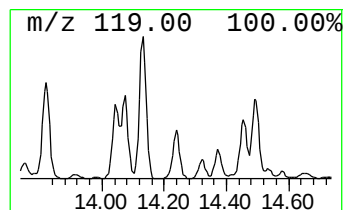
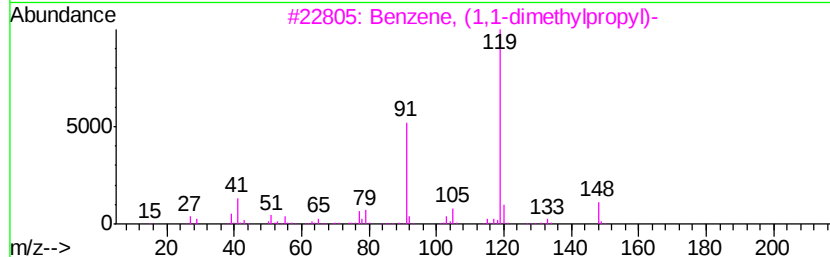
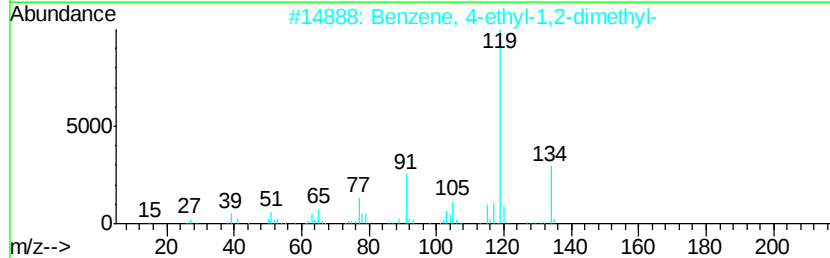
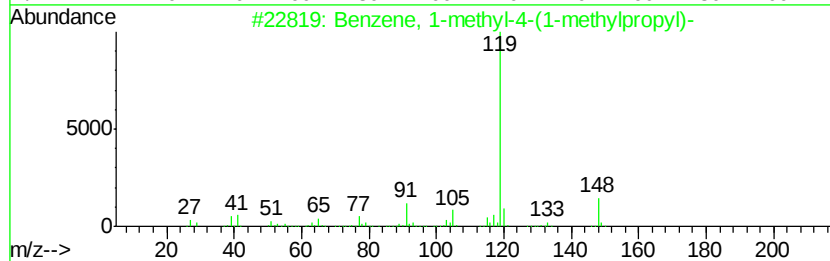
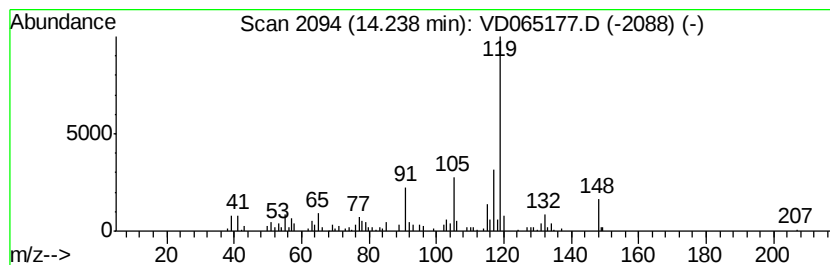
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-methyl-4-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	26.73 ug/l	142663	1,4-Dichlorobenzene-d4	13.58

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021320\
Data File : VD065177.D
Acq On : 13 Feb 2020 15:03
Operator : VA/SY
Sample : L1518-01
Misc : 5.04G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

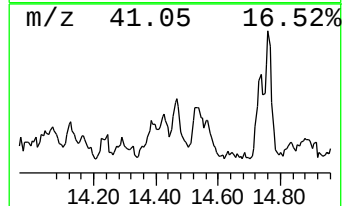
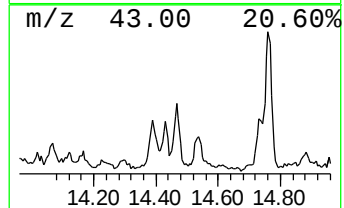
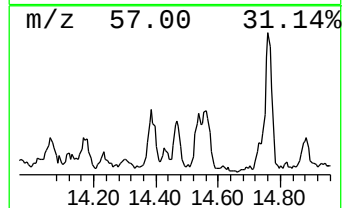
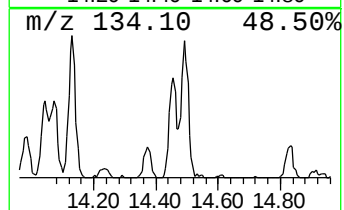
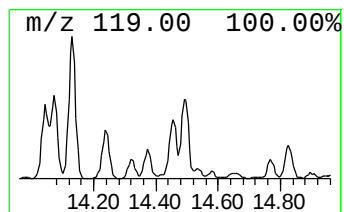
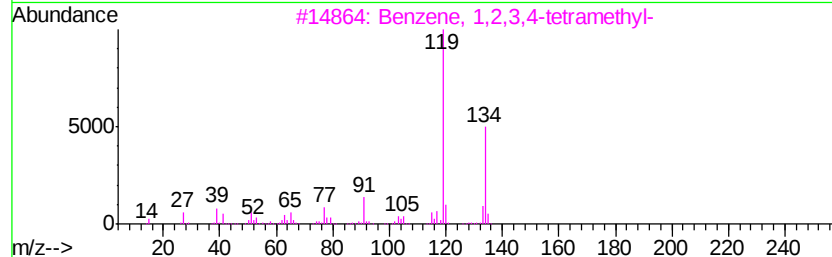
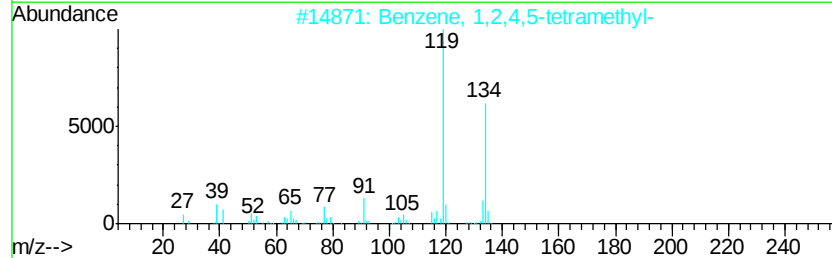
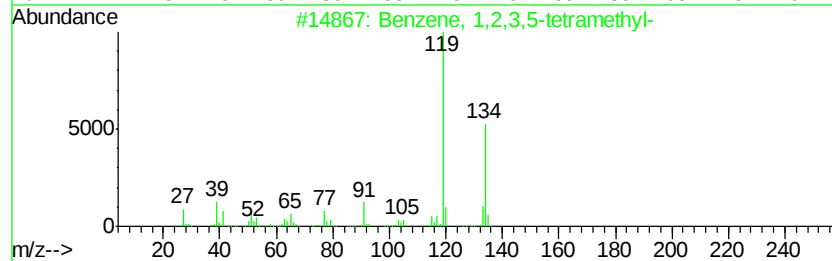
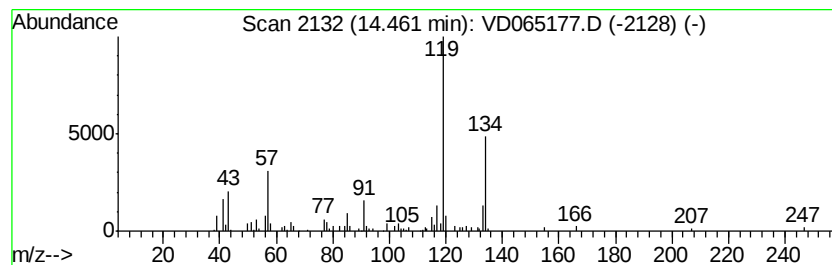
Instrument :
MSVOA_D
ClientSampleId :
OILY-STONES

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	27.00 ug/l	144089	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,2,3,5-tetramethyl-	134 C10H14	000527-53-7 87
2		Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2 87
3		Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3 87
4		Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3 87
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134 C10H14	076089-59-3 87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021320\
Data File : VD065177.D
Acq On : 13 Feb 2020 15:03
Operator : VA/SY
Sample : L1518-01
Misc : 5.04G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OILY-STONES

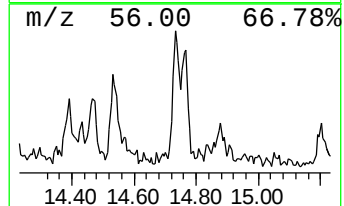
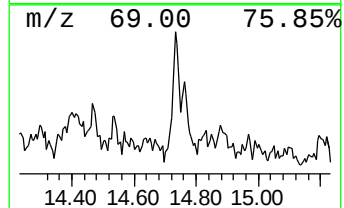
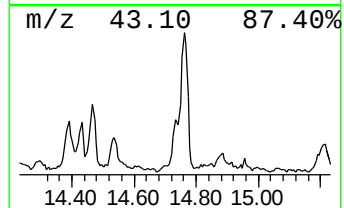
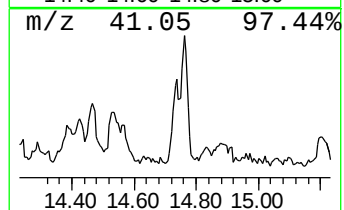
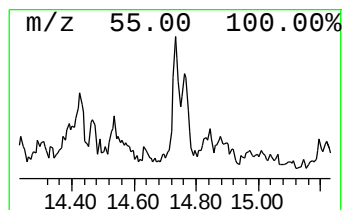
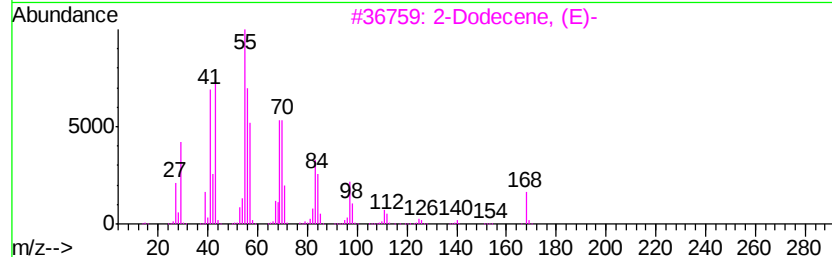
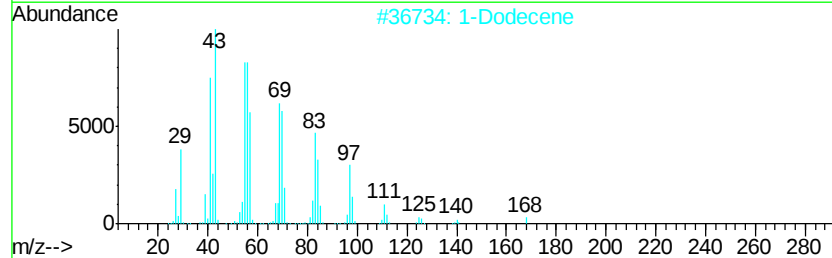
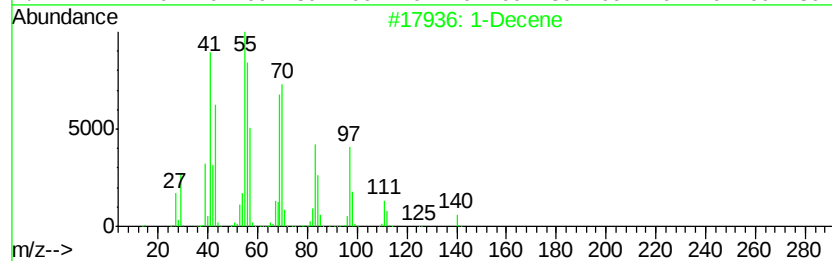
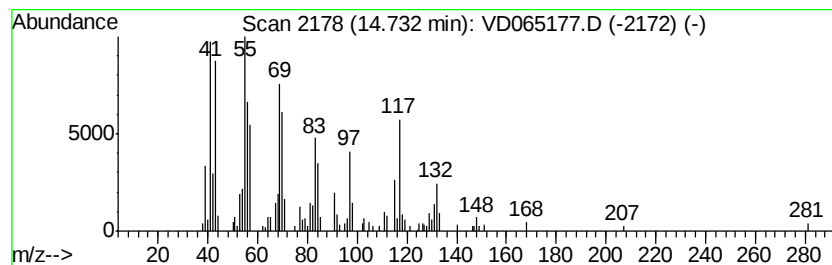
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Quant Title : SW846 8260

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

Peak Number 7 1-Decene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	27.22 ug/l	145253	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decene	140	C10H20	000872-05-9	95
2		1-Dodecene	168	C12H24	000112-41-4	89
3		2-Dodecene, (E)-	168	C12H24	007206-13-5	89
4		4-Dodecene, (Z)-	168	C12H24	007206-27-1	86
5		5-Tetradecene, (E)-	196	C14H28	041446-66-6	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021320\
Data File : VD065177.D
Acq On : 13 Feb 2020 15:03
Operator : VA/SY
Sample : L1518-01
Misc : 5.04G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OILY-STONES

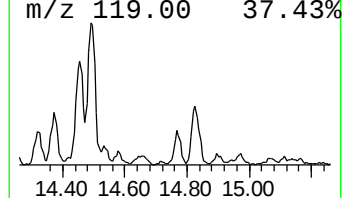
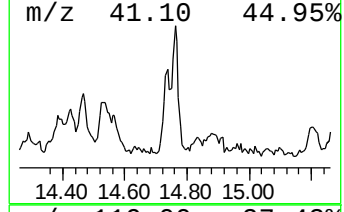
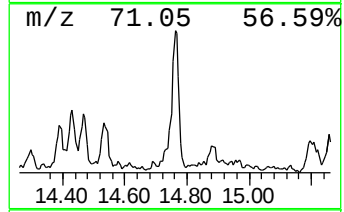
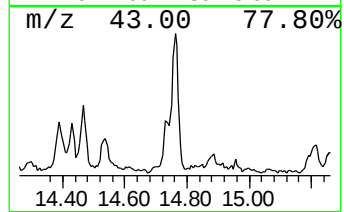
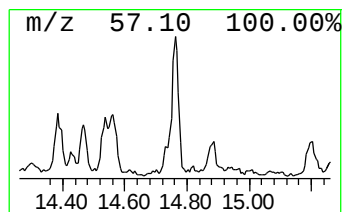
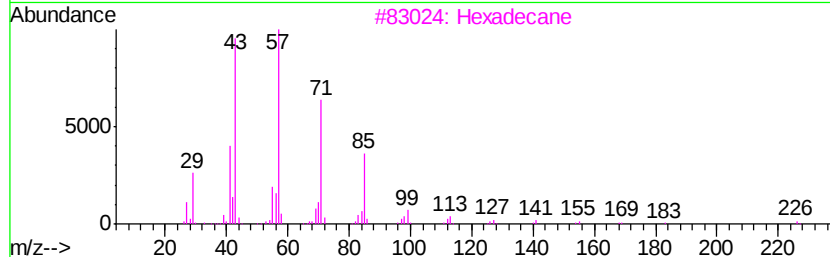
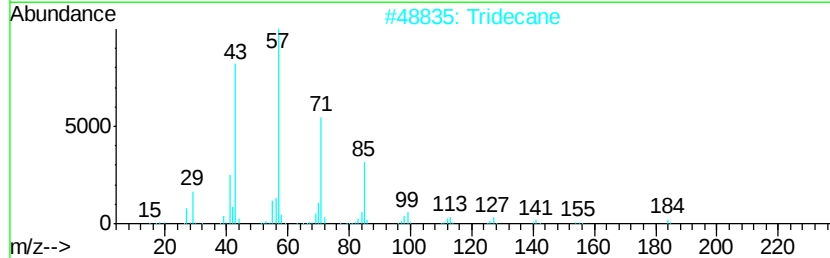
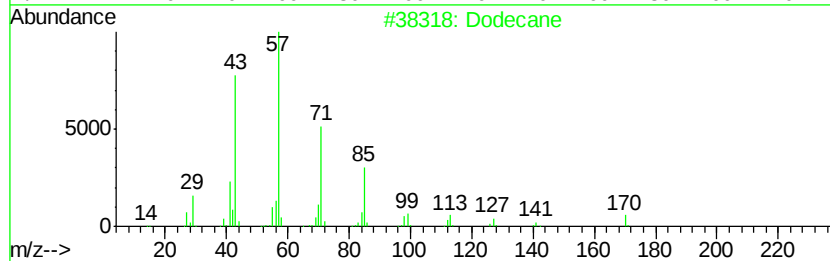
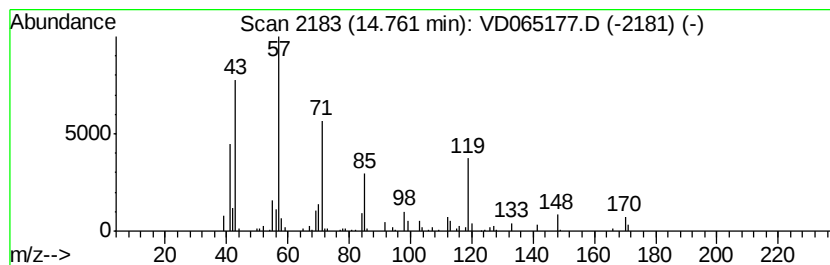
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260

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

Peak Number 8 Dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	29.14 ug/l	155500	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	68
2	Tridecane		184	C13H28	000629-50-5	52
3	Hexadecane		226	C16H34	000544-76-3	52
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	47
5	Sulfurous acid, butyl nonyl ester		264	C13H28O3S	1000309-17-6	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021320\
Data File : VD065177.D
Acq On : 13 Feb 2020 15:03
Operator : VA/SY
Sample : L1518-01
Misc : 5.04G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OILY-STONES

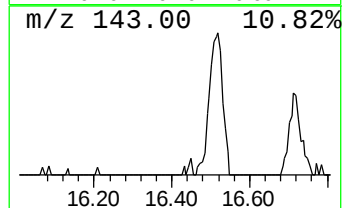
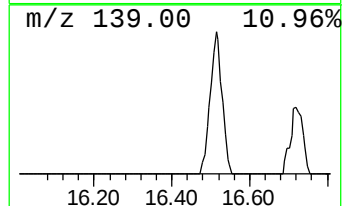
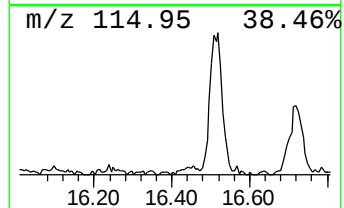
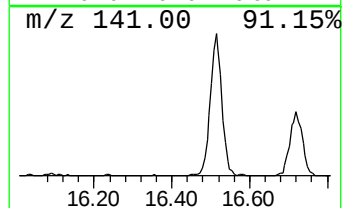
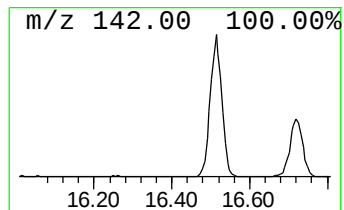
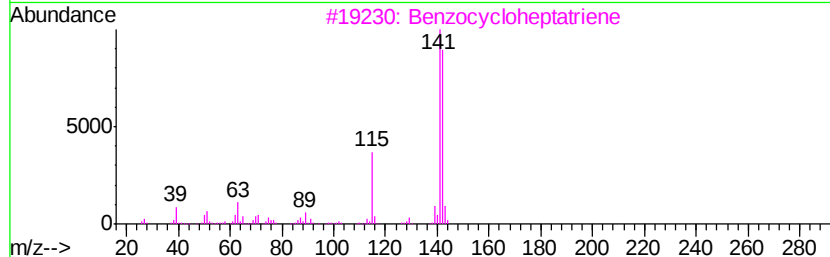
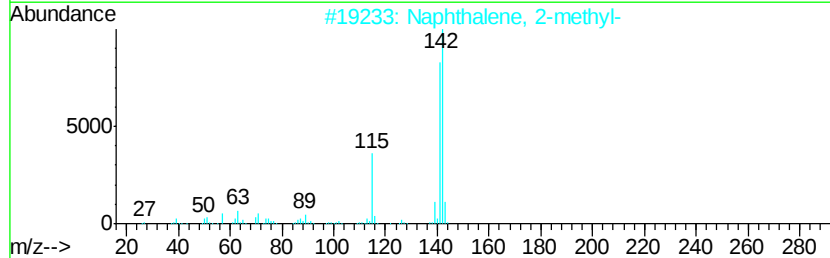
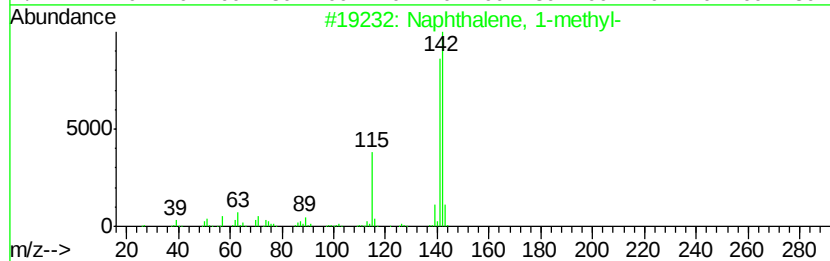
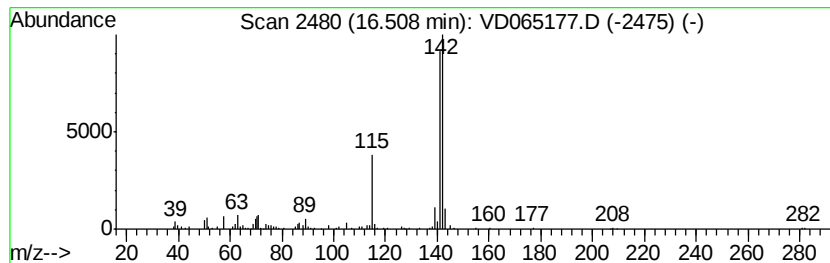
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	40.46 ug/l	215920	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		Naphthalene, 1-(chloromethyl)-	176	C11H9Cl	000086-52-2	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD021320\
Data File : VD065177.D
Acq On : 13 Feb 2020 15:03
Operator : VA/SY
Sample : L1518-01
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OILY-STONES

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.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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Benzene, 1-methyl...	13.78	40.4	ug/l	215727	4	13.58	266822	50.0
Undecane	13.91	46.9	ug/l	250222	4	13.58	266822	50.0
o-Cymene	14.13	40.7	ug/l	216969	4	13.58	266822	50.0
Benzene, 1-methyl...	14.24	26.7	ug/l	142663	4	13.58	266822	50.0
Benzene, 1,2,3,5-...	14.46	27.0	ug/l	144089	4	13.58	266822	50.0
1-Decene	14.73	27.2	ug/l	145253	4	13.58	266822	50.0
Dodecane	14.76	29.1	ug/l	155500	4	13.58	266822	50.0
Naphthalene, 1-me...	16.51	40.5	ug/l	215920	4	13.58	266822	50.0