

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064640.D
 Acq On : 27 Dec 2019 12:59
 Operator : VA/SY
 Sample : K6437-07
 Misc : 6.37G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-5-(5-6)

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_D\METHOD\82D122419S.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	1007	1020	1025	rBV2	317679	772001	3.03%	0.283%
2	7.985	1025	1031	1043	rVB	595210	1326881	5.21%	0.486%
3	8.338	1081	1091	1102	rBV	274266	615183	2.41%	0.225%
4	8.867	1171	1181	1190	rBV	816829	1642435	6.45%	0.601%
5	10.343	1424	1432	1445	rBV	1296621	2443089	9.59%	0.894%
6	10.679	1485	1489	1495	rVB	183350	309861	1.22%	0.113%
7	10.779	1498	1506	1510	rBV4	119454	274793	1.08%	0.101%
8	10.955	1526	1536	1544	rBV	300481	610787	2.40%	0.224%
9	11.055	1544	1553	1561	rBV	343671	760315	2.98%	0.278%
10	11.126	1561	1565	1570	rBV	255072	471474	1.85%	0.173%
11	11.249	1579	1586	1591	rBV	703699	1242746	4.88%	0.455%
12	11.302	1591	1595	1599	rVV	174948	273555	1.07%	0.100%
13	11.355	1599	1604	1607	rVV3	187256	342434	1.34%	0.125%
14	11.396	1607	1611	1616	rVV2	316521	536087	2.10%	0.196%
15	11.449	1616	1620	1628	rVB	568840	1065529	4.18%	0.390%
16	11.649	1645	1654	1662	rBV	1042659	2065965	8.11%	0.756%
17	11.779	1670	1676	1681	rBV	376393	649791	2.55%	0.238%
18	11.838	1681	1686	1690	rVV2	420527	764960	3.00%	0.280%
19	11.890	1690	1695	1707	rVB5	766787	2268413	8.90%	0.830%
20	11.996	1707	1713	1714	rBV3	211806	331157	1.30%	0.121%
21	12.026	1714	1718	1720	rVV	289708	426712	1.68%	0.156%
22	12.079	1723	1727	1732	rVB2	503938	936353	3.68%	0.343%
23	12.155	1732	1740	1746	rBV3	2027634	4561080	17.90%	1.670%
24	12.208	1746	1749	1752	rVV2	526758	893836	3.51%	0.327%
25	12.273	1752	1760	1765	rVB2	1624784	3535671	13.88%	1.294%
26	12.349	1765	1773	1775	rBV5	1197050	2563179	10.06%	0.938%
27	12.385	1775	1779	1785	rVV2	1944804	3725190	14.62%	1.364%
28	12.473	1785	1794	1796	rVV5	914920	2393006	9.39%	0.876%
29	12.520	1796	1802	1810	rVB6	1326233	4273208	16.77%	1.564%
30	12.637	1816	1822	1827	rVB2	1503859	2557320	10.04%	0.936%
31	12.726	1827	1837	1841	rBV5	1331794	3460736	13.59%	1.267%
32	12.802	1846	1850	1857	rVB2	2418601	4350501	17.08%	1.593%
33	12.885	1857	1864	1871	rBV4	1233298	3790754	14.88%	1.388%
34	12.967	1871	1878	1882	rBV4	2158433	4785359	18.78%	1.752%

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35	13.067	1892	1895	1896	rBV3	229118	264456	1.04%	0.097%
36	13.102	1896	1901	1905	rVV2	2461908	3773077	14.81%	1.381%
37	13.155	1905	1910	1912	rVV3	2150268	3503225	13.75%	1.282%
38	13.190	1912	1916	1922	rVV	4473312	7644025	30.01%	2.798%
39	13.255	1923	1927	1931	rVB2	1777364	2857940	11.22%	1.046%
40	13.320	1933	1938	1943	rBV2	3877253	6168468	24.21%	2.258%
41	13.373	1943	1947	1950	rBV2	1489386	1998713	7.85%	0.732%
42	13.473	1955	1964	1967	rVV4	3560696	8454756	33.19%	3.095%
43	13.514	1967	1971	1976	rVV5	2254471	3955652	15.53%	1.448%
44	13.573	1977	1981	1985	rVV4	828063	1642549	6.45%	0.601%
45	13.620	1985	1989	1992	rVB3	1000111	1450406	5.69%	0.531%
46	13.726	2002	2007	2011	rBV3	1692059	2974526	11.68%	1.089%
47	13.849	2022	2028	2030	rBV3	1603388	3104925	12.19%	1.137%
48	13.908	2032	2038	2042	rVV4	6005947	11418424	44.82%	4.180%
49	13.949	2042	2045	2052	rVB3	2640075	4165738	16.35%	1.525%
50	14.014	2052	2056	2059	rBV3	2907958	5058299	19.86%	1.852%
51	14.061	2060	2064	2067	rBV4	1822344	3333618	13.09%	1.220%
52	14.226	2089	2092	2097	rVB2	3047215	4040842	15.86%	1.479%
53	14.296	2097	2104	2109	rBV3	6542937	12218259	47.96%	4.473%
54	14.349	2109	2113	2118	rVB4	3438886	4907120	19.26%	1.796%
55	14.420	2119	2125	2131	rBV3	9510591	17645771	69.27%	6.460%
56	14.490	2133	2137	2141	rBV4	2260827	3969094	15.58%	1.453%
57	14.579	2147	2152	2159	rBV8	5285783	11754661	46.14%	4.303%
58	14.779	2182	2186	2190	rVB3	3042450	4575006	17.96%	1.675%
59	14.837	2191	2196	2200	rBV	7508659	14272660	56.03%	5.225%
60	14.884	2200	2204	2210	rVV3	13269210	25474665	100.00%	9.326%
61	14.937	2210	2213	2221	rVB5	3229604	8370973	32.86%	3.064%
62	15.167	2249	2252	2255	rBV2	2420952	3565443	14.00%	1.305%
63	15.379	2283	2288	2295	rBV	10523315	18506247	72.65%	6.775%
64	15.449	2296	2300	2305	rVB4	3342037	6023666	23.65%	2.205%
65	16.361	2451	2455	2463	rVB	2672088	5049544	19.82%	1.849%

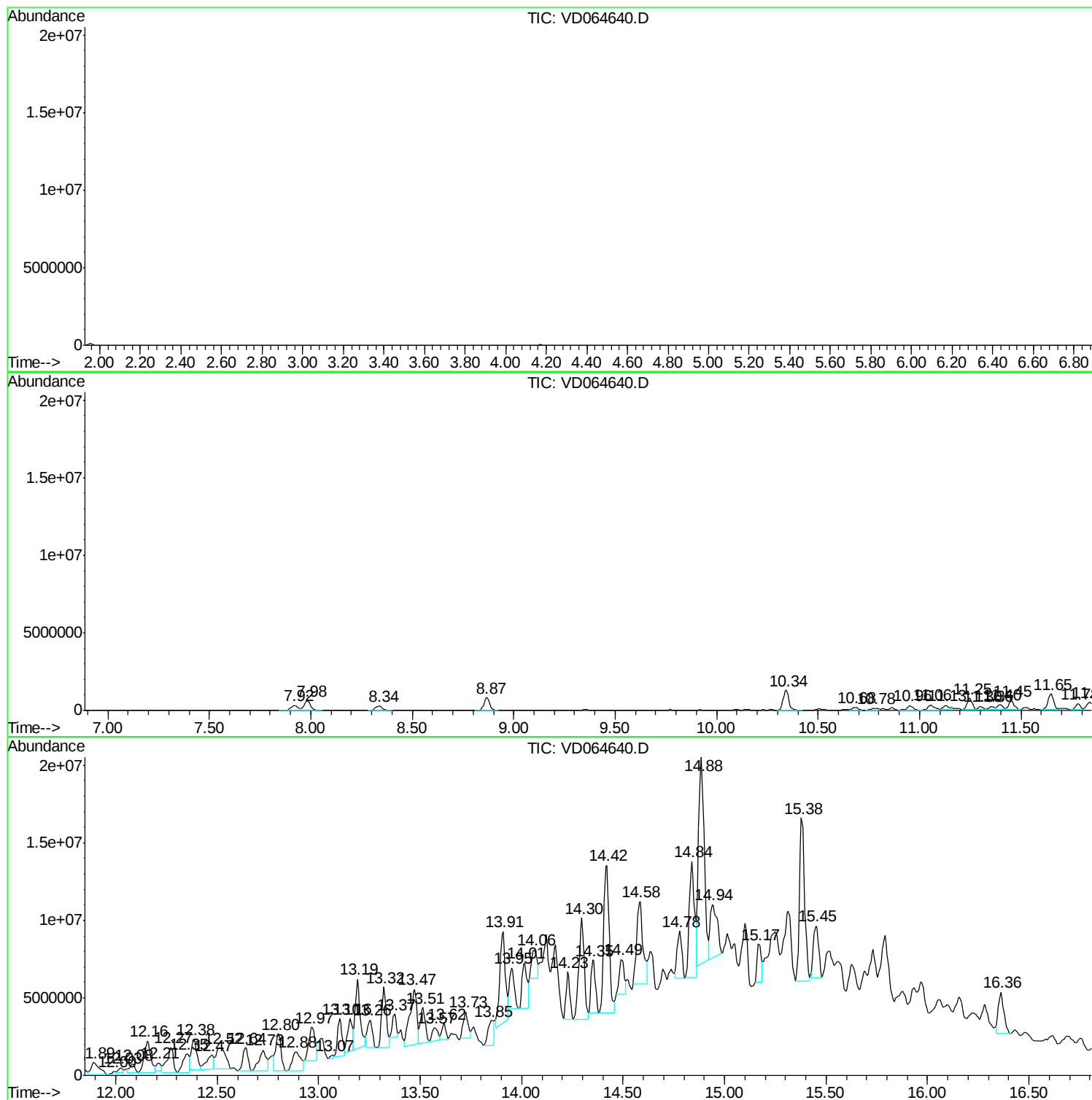
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

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



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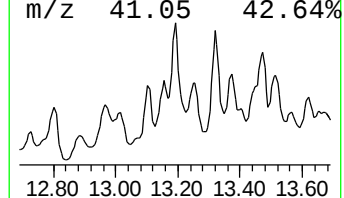
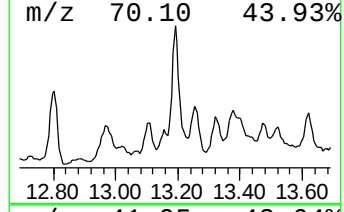
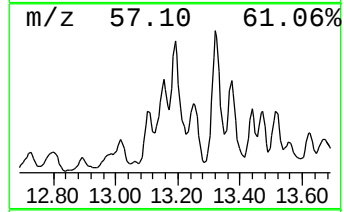
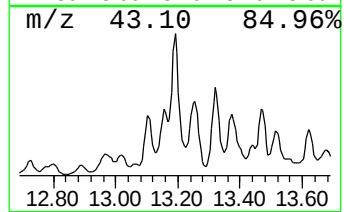
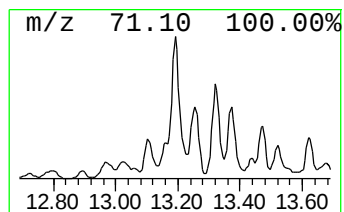
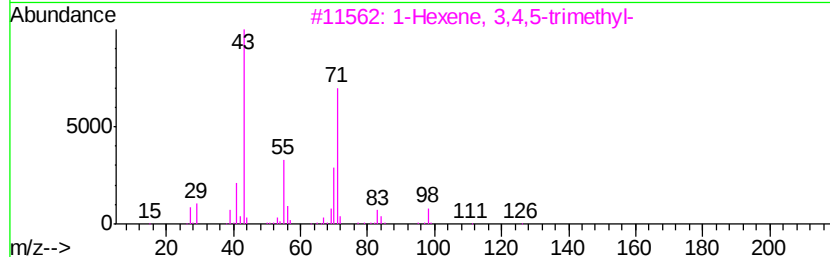
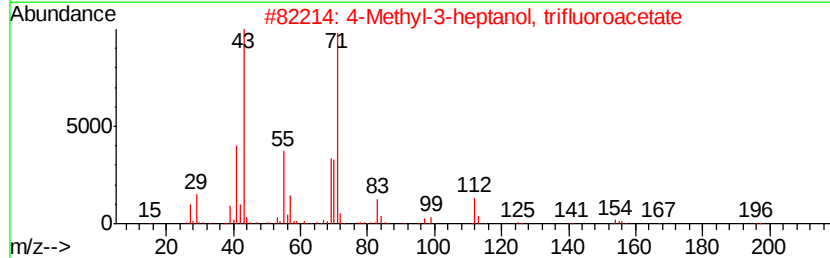
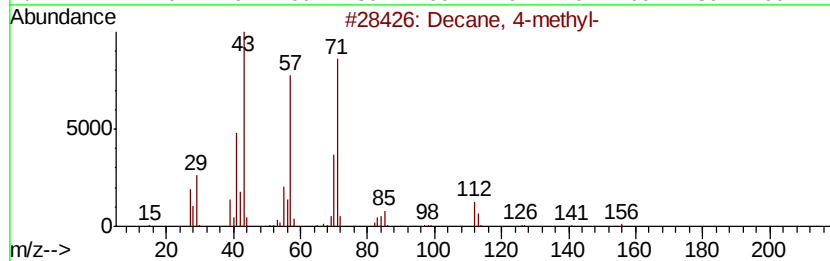
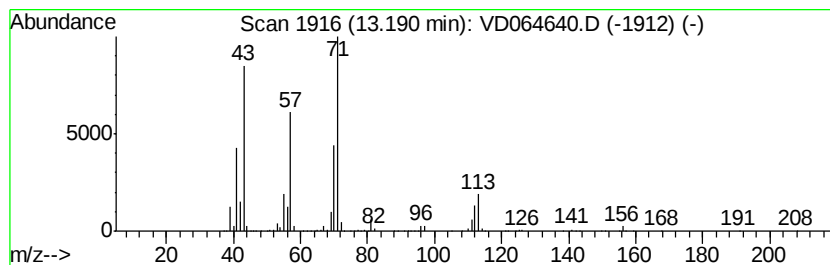
Instrument :
MSVOA_D
ClientSampleId :
GP-5-(5-6)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	232.69 ug/l	7644030	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 4-methyl-	156 C11H24	002847-72-5	78
2	4-Methyl-3-heptanol, trifluoroac...	226 C10H17F3O2	1000365-51-8	72
3	1-Hexene, 3,4,5-trimethyl-	126 C9H18	056728-10-0	59
4	2,4,4-Trimethyl-1-hexene	126 C9H18	051174-12-0	59
5	Octane, 3,3-dimethyl-	142 C10H22	004110-44-5	59



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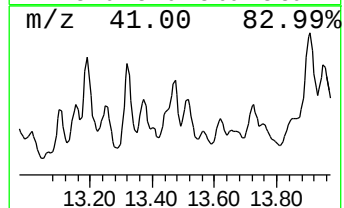
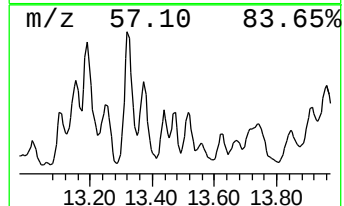
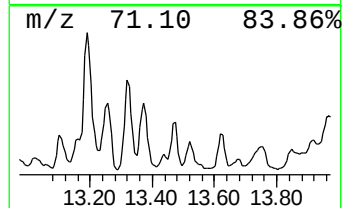
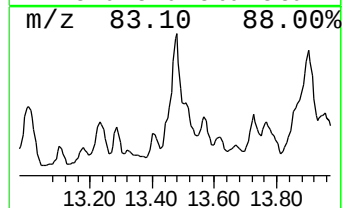
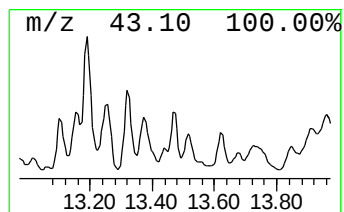
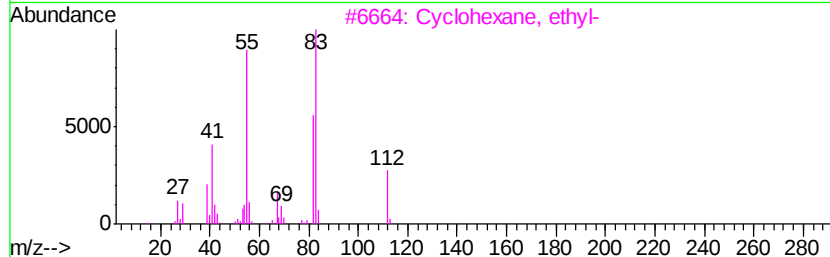
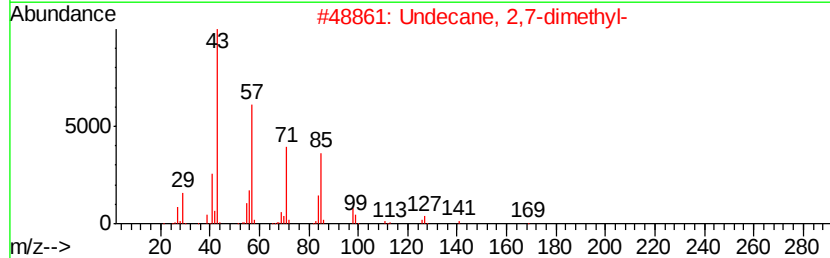
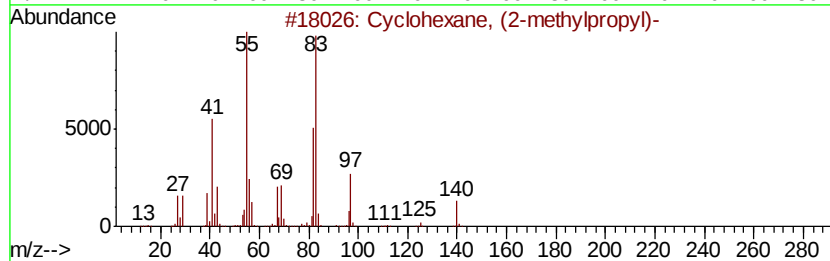
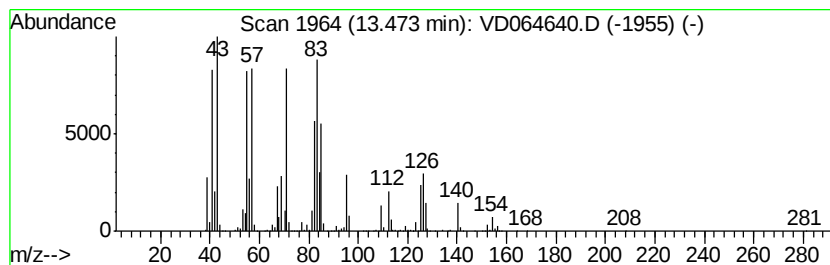
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown13.47 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	257.37 ug/l	8454760	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38
2		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	30
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	30
4		2-Butenoic acid, 2-methyl-, 2-pr...	140	C8H12O2	007493-71-2	30
5		Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	30



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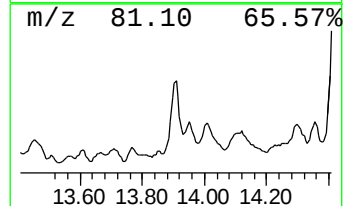
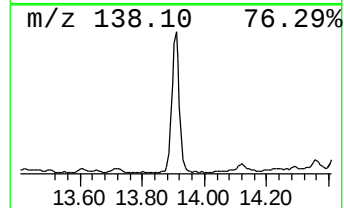
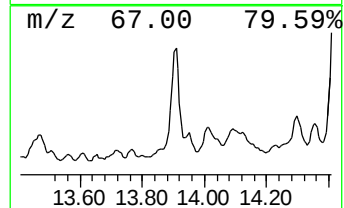
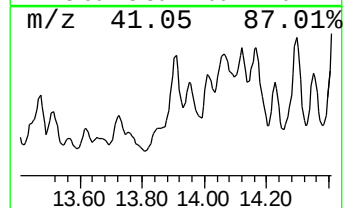
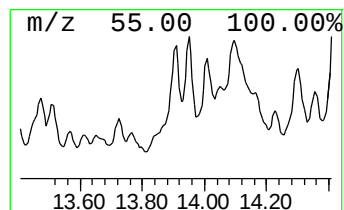
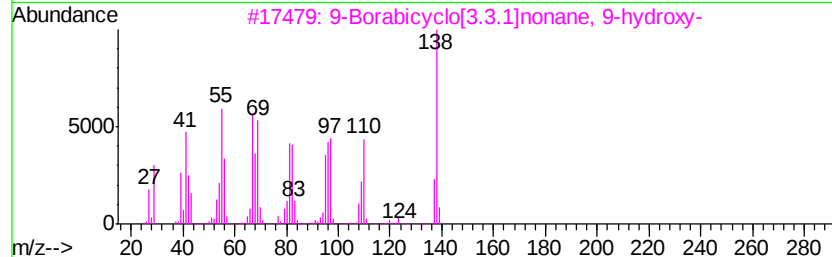
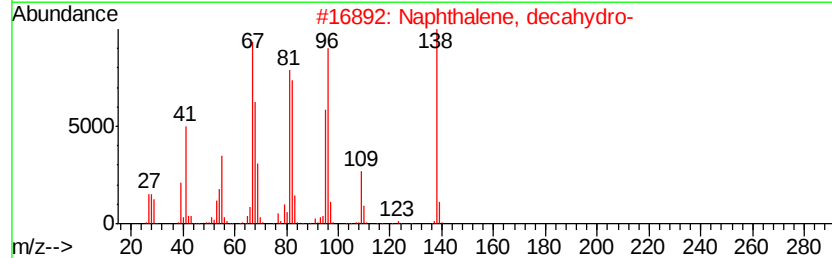
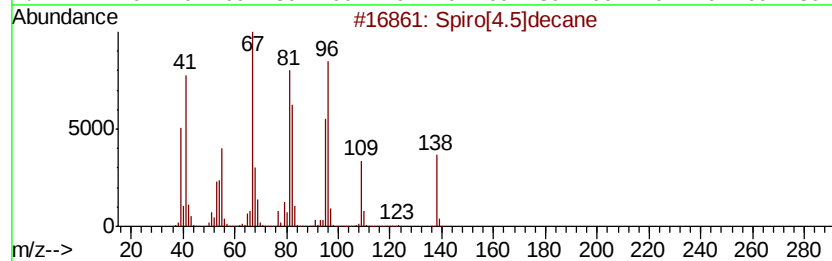
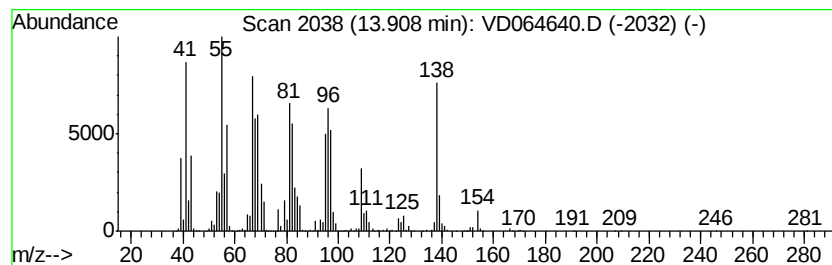
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Spiro[4.5]decane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	347.58 ug/l	11418400	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Spiro[4.5]decane	138	C10H18	000176-63-6	94
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3		9-Borabicyclo[3.3.1]nonane, 9-hydroxy-	138	C8H15BO	063366-65-4	87
4		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	87
5		1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	83



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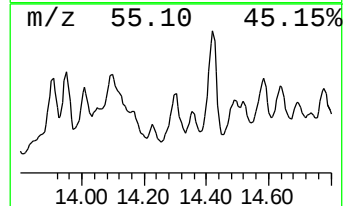
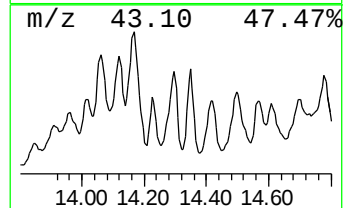
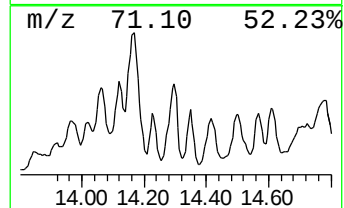
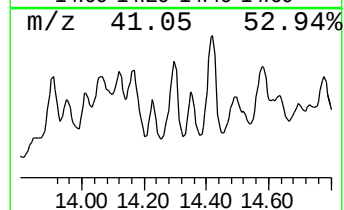
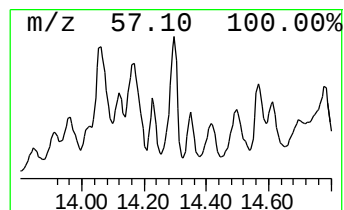
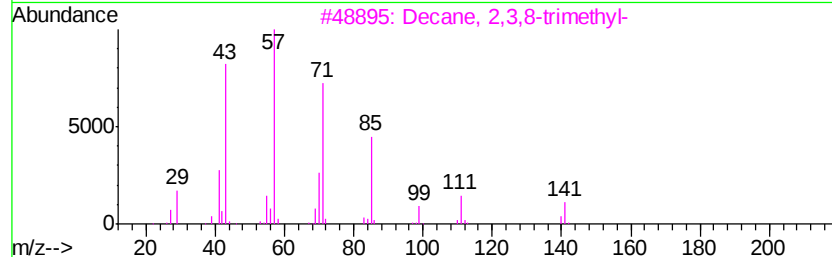
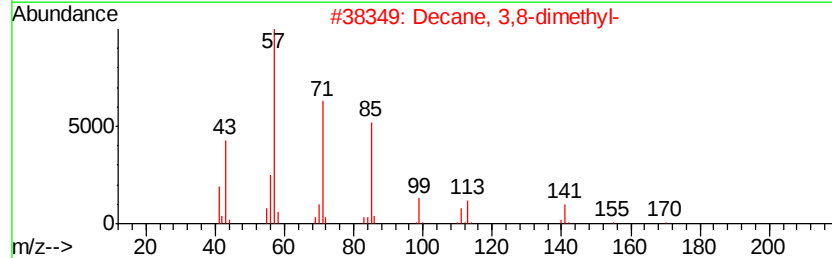
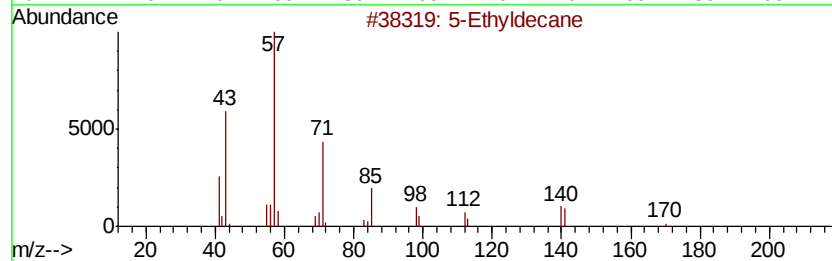
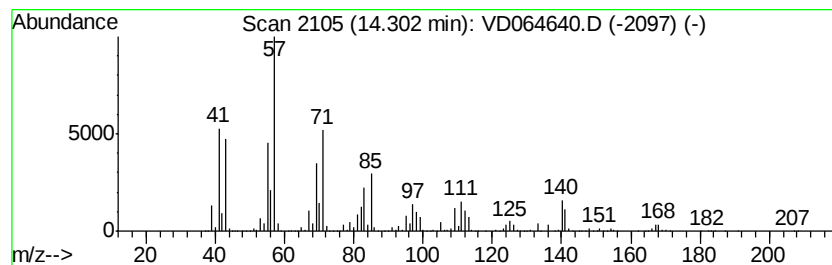
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Peak Number 4 5-Ethyldecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	371.93 ug/l	12218300	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane		170	C12H26	017302-36-2	62
2	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	60
3	Decane, 2,3,8-trimethyl-		184	C13H28	062238-14-6	50
4	Undecane		156	C11H24	001120-21-4	50
5	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122719\
Data File : VD064640.D
Acq On : 27 Dec 2019 12:59
Operator : VA/SY
Sample : K6437-07
Misc : 6.37G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
GP-5-(5-6)

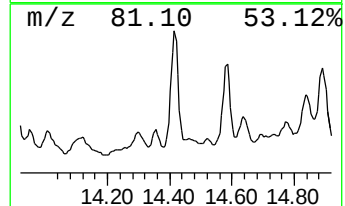
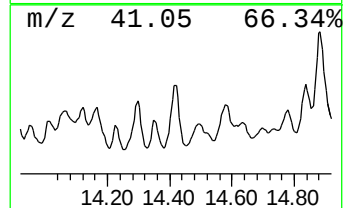
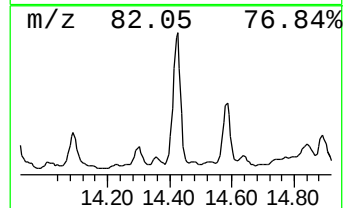
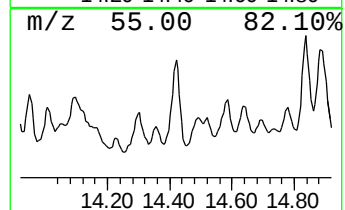
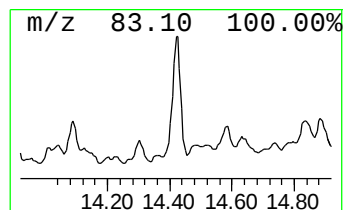
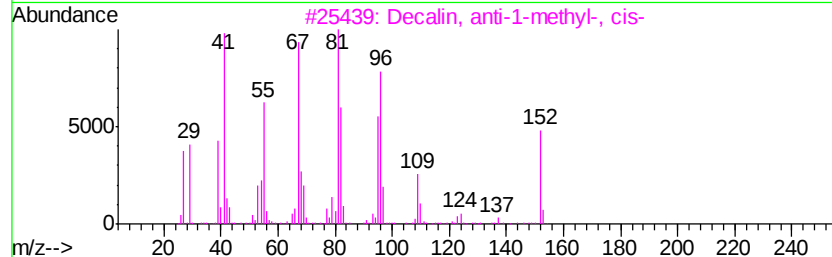
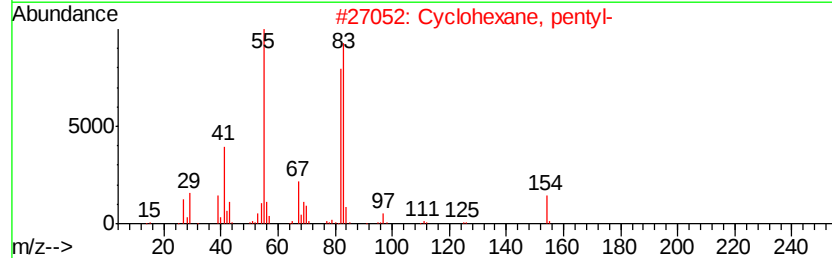
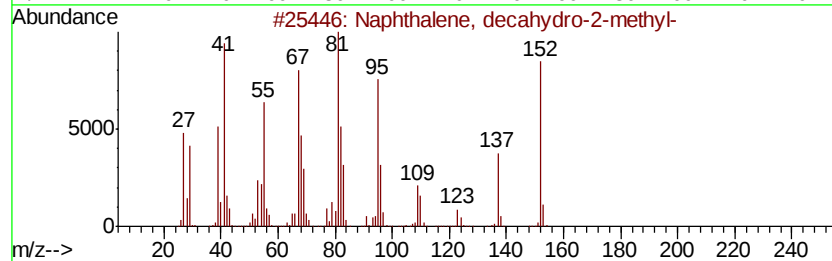
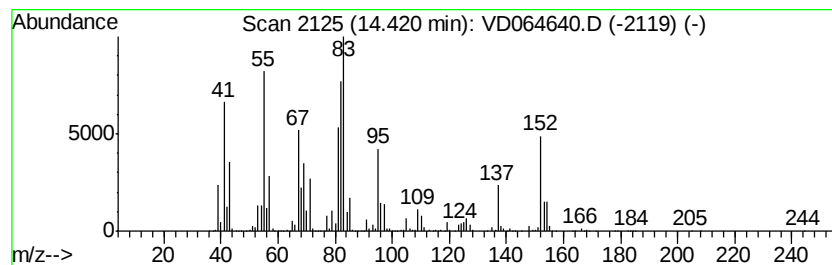
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	537.15 ug/l	17645800	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	55
3		Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	46
4		Cyclohexane, (1-ethylpropyl)-	154	C11H22	026321-98-2	46
5		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122719\
Data File : VD064640.D
Acq On : 27 Dec 2019 12:59
Operator : VA/SY
Sample : K6437-07
Misc : 6.37G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

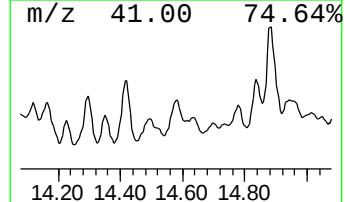
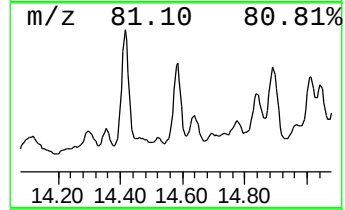
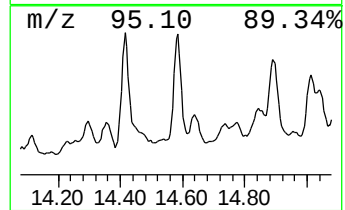
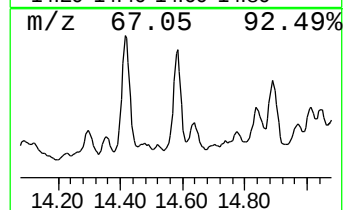
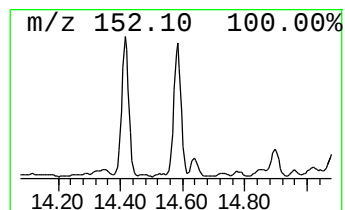
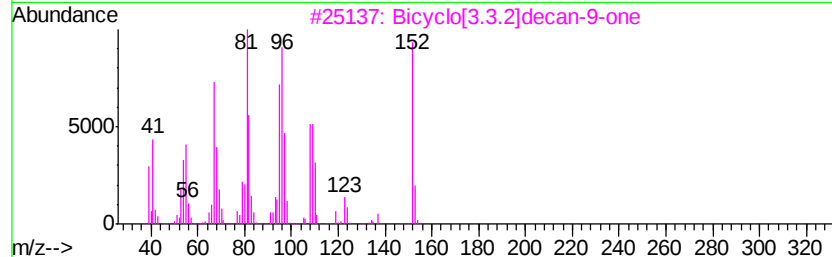
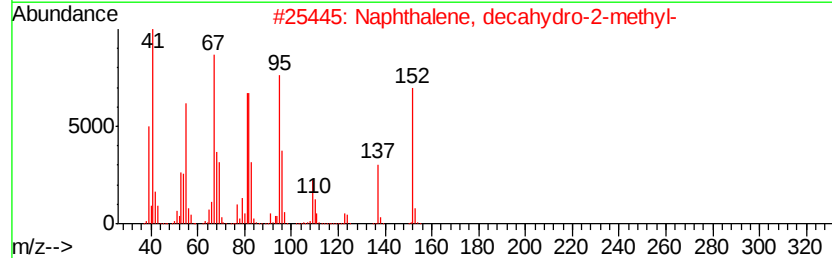
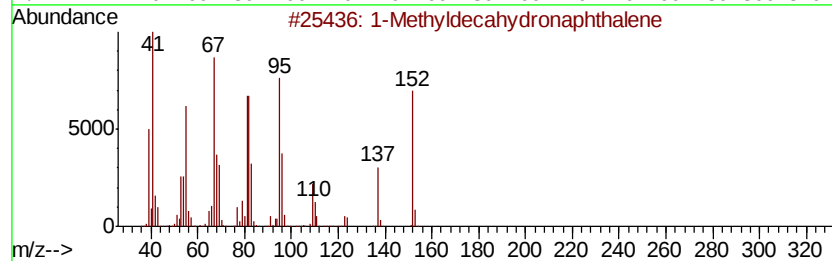
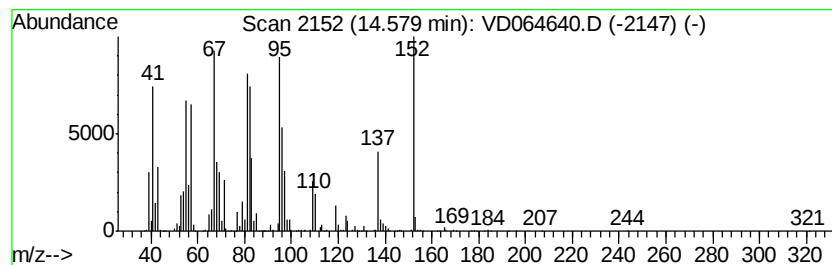
Instrument :
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ClientSampleId :
GP-5-(5-6)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

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

Peak Number 6 1-Methyldecahydronaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	357.82 ug/l	11754700	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Methyldecahydronaphthalene	152 C11H20	002958-75-0 96
2		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 96
3		Bicyclo[3.3.2]decan-9-one	152 C10H16O	028054-91-3 76
4		cis-Decalin, 2-syn-methyl-	152 C11H20	1000155-85-6 68
5		8-Dodecen-1-ol, (Z)-	184 C12H24O	040642-40-8 64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122719\
Data File : VD064640.D
Acq On : 27 Dec 2019 12:59
Operator : VA/SY
Sample : K6437-07
Misc : 6.37G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
GP-5-(5-6)

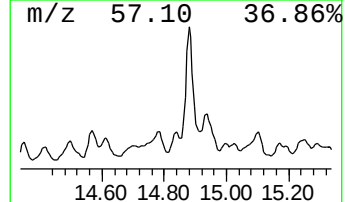
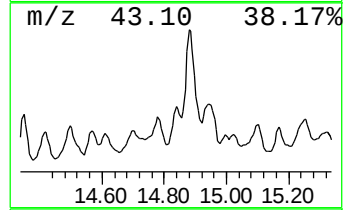
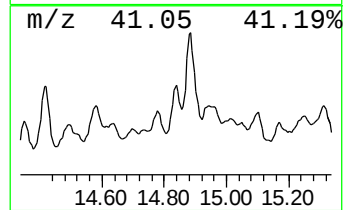
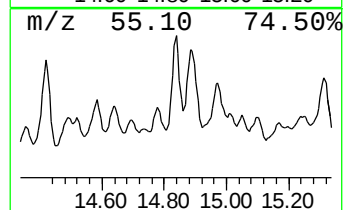
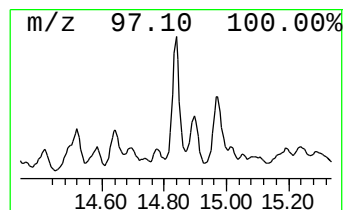
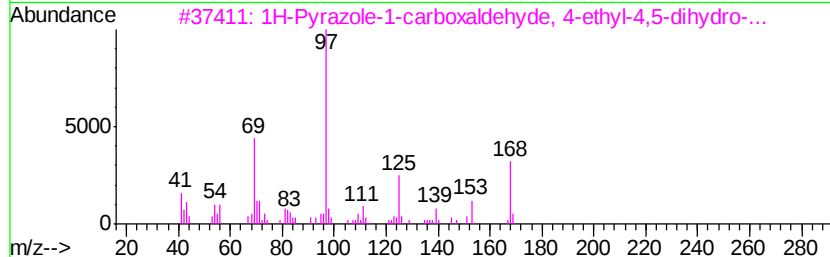
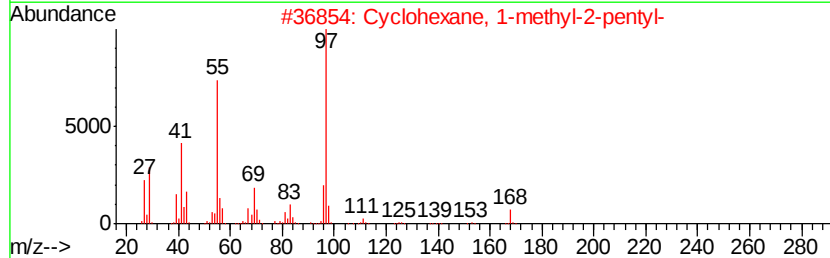
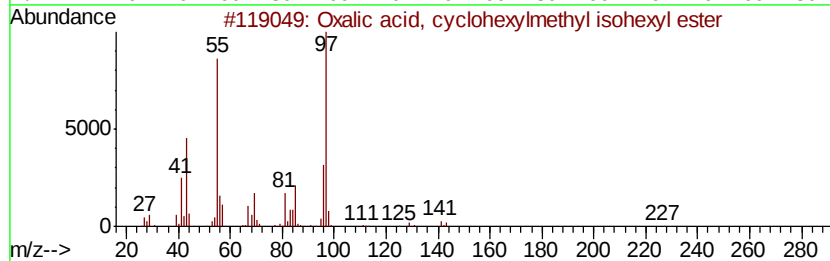
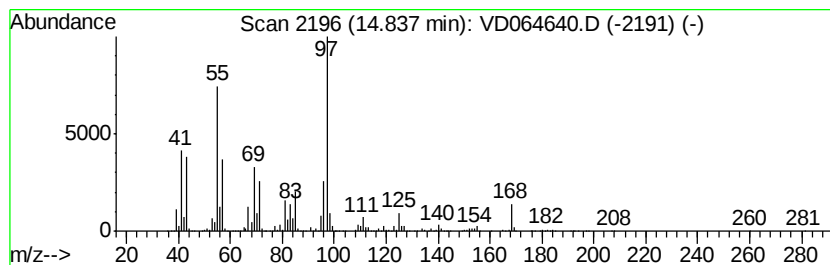
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Quant Title : SW846 8260

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

Peak Number 7 Oxalic acid, cyclohexylmeth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	434.47 ug/l	14272700	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, cvclohexvlmethvl is...	270	C15H26O4	1000309-68-3	64
2		Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	58
3		1H-Pyrazole-1-carboxaldehydve, 4-...	168	C9H16N2O	054411-09-5	53
4		Oxalic acid, cvclohexvlmethvl oc...	298	C17H30O4	1000309-68-4	53
5		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122719\
Data File : VD064640.D
Acq On : 27 Dec 2019 12:59
Operator : VA/SY
Sample : K6437-07
Misc : 6.37G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
GP-5-(5-6)

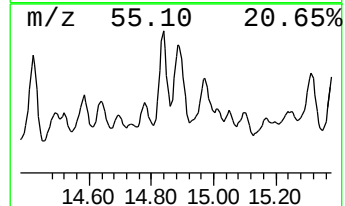
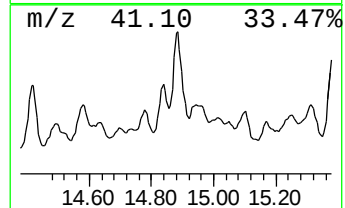
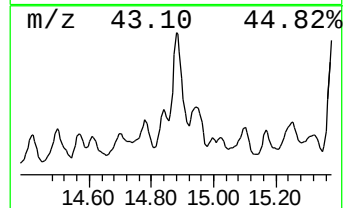
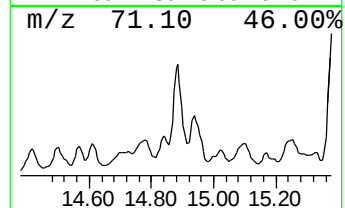
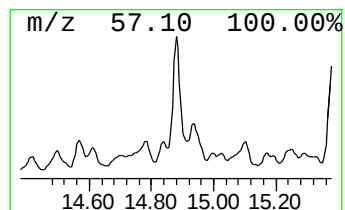
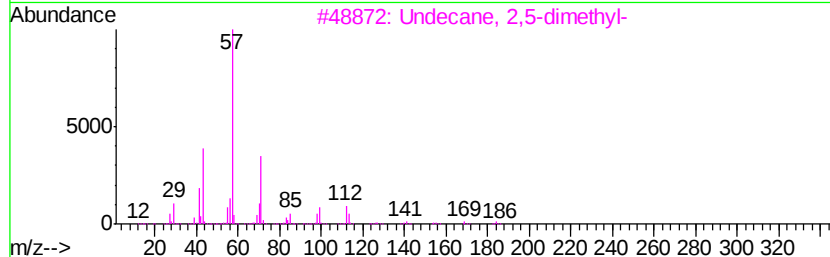
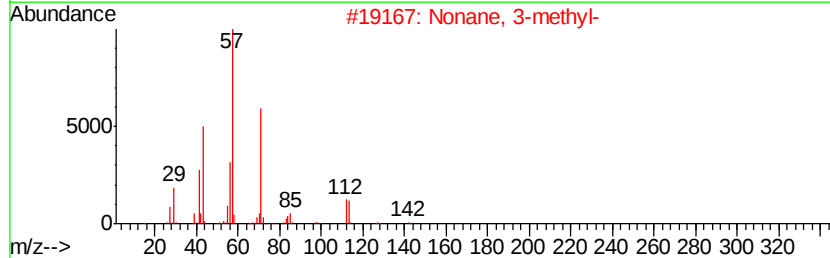
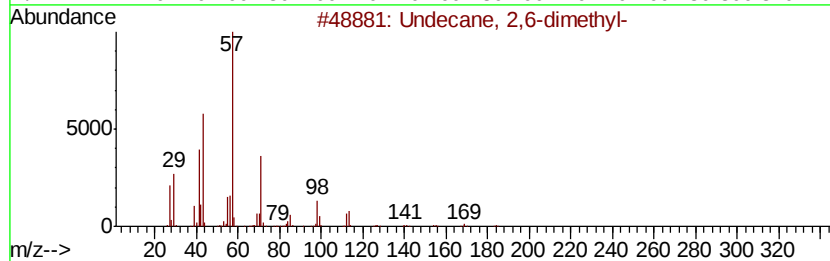
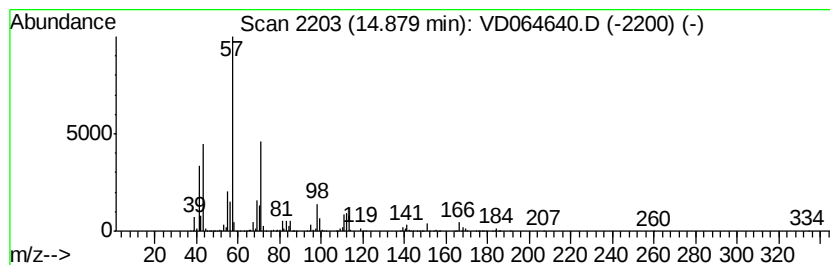
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Quant Title : SW846 8260

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

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	775.46 ug/l	25474700	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	76
2	Nonane, 3-methyl-		142	C10H22	005911-04-6	58
3	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	49
4	Sulfurous acid, butyl octyl ester		250	C12H26O3S	1000309-17-5	47
5	Sulfurous acid, butyl 2-ethylhex...		250	C12H26O3S	1000309-18-8	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122719\
Data File : VD064640.D
Acq On : 27 Dec 2019 12:59
Operator : VA/SY
Sample : K6437-07
Misc : 6.37G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

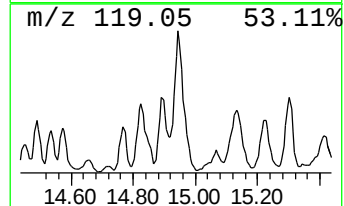
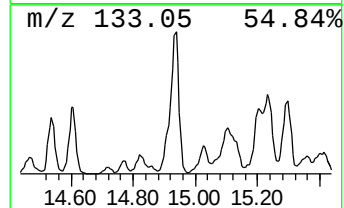
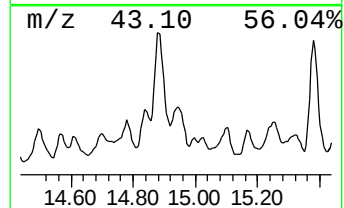
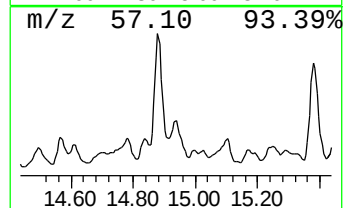
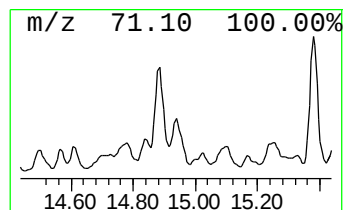
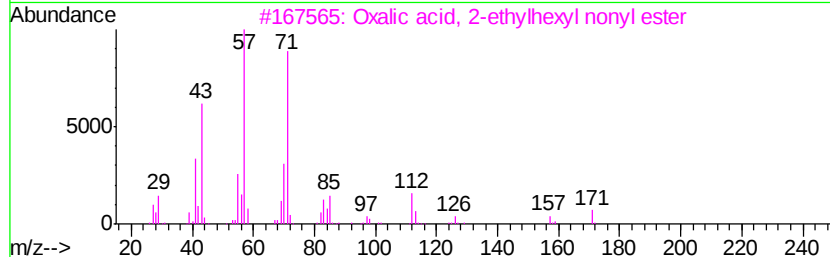
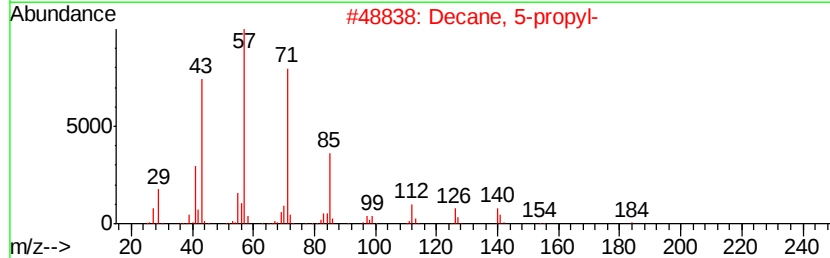
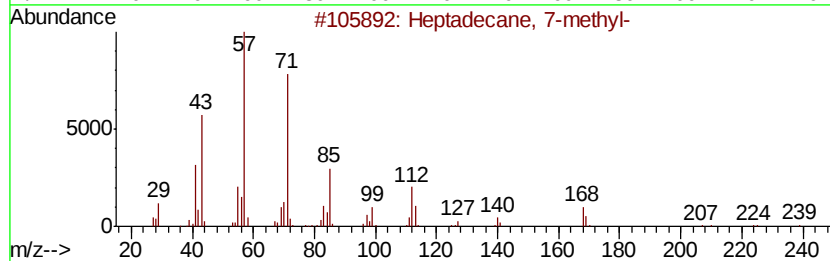
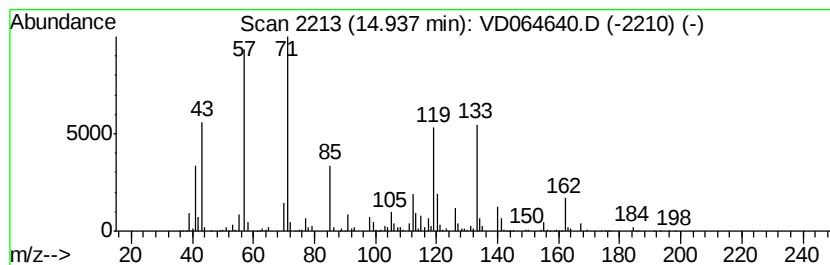
Instrument :
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ClientSampleId :
GP-5-(5-6)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown14.94 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	254.82 ug/l	8370970	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptadecane, 7-methyl-	254 C18H38	020959-33-5 38
2		Decane, 5-propyl-	184 C13H28	017312-62-8 38
3		Oxalic acid, 2-ethylhexyl nonyl ...	328 C19H36O4	1000309-39-2 35
4		Tridecane, 7-methyl-	198 C14H30	026730-14-3 35
5		1-Decene, 4-methyl-	154 C11H22	013151-29-6 27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122719\
Data File : VD064640.D
Acq On : 27 Dec 2019 12:59
Operator : VA/SY
Sample : K6437-07
Misc : 6.37G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

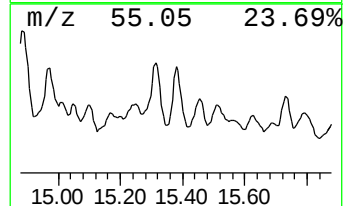
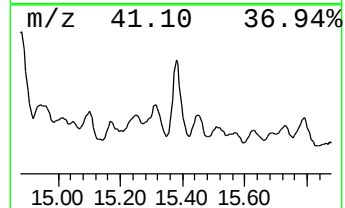
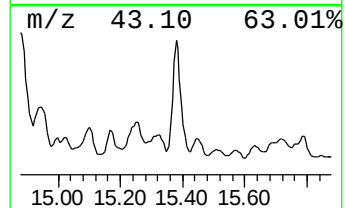
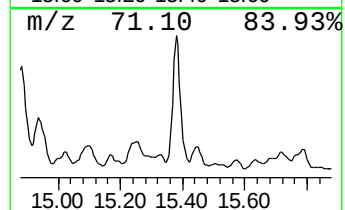
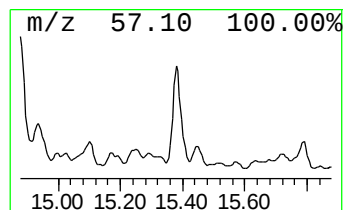
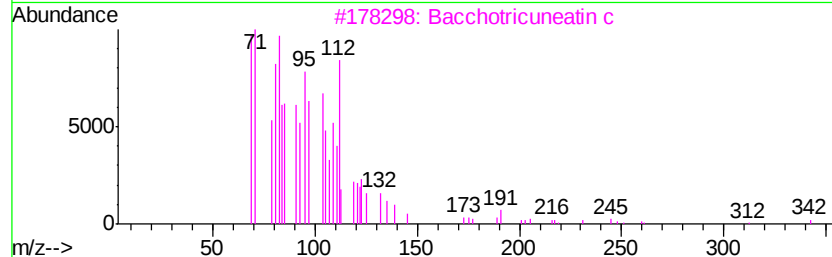
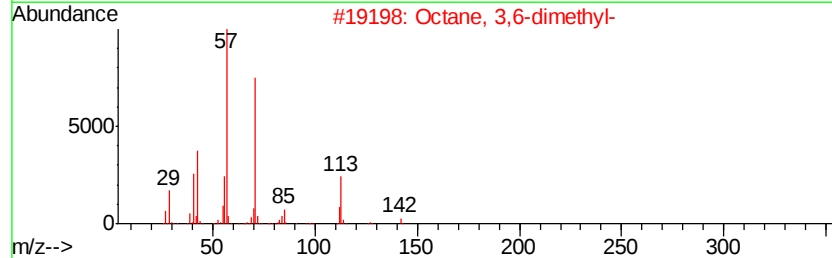
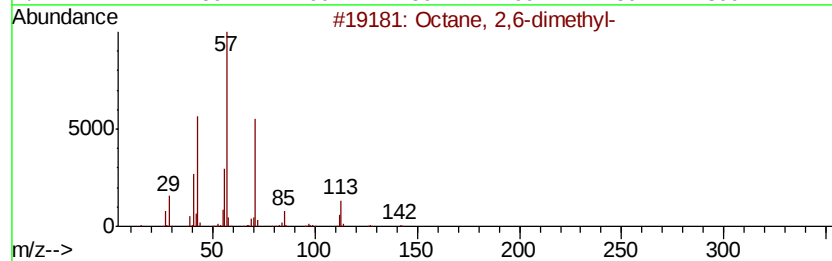
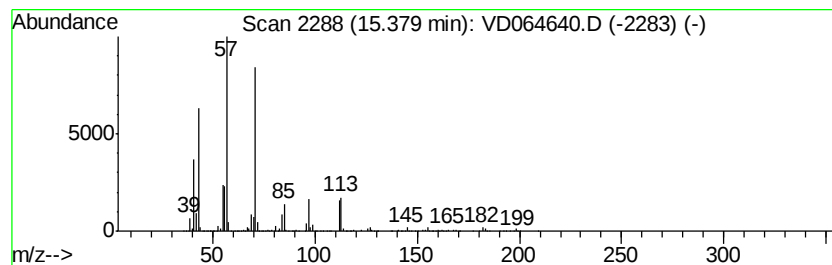
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

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

Peak Number 10 Octane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	563.34 ug/l	18506200	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octane, 2,6-dimethyl-	142 C10H22	002051-30-1 90
2		Octane, 3,6-dimethyl-	142 C10H22	015869-94-0 83
3		Bacchotricuneatin c	342 C20H22O5	066563-30-2 83
4		Tridecane, 7-methyl-	198 C14H30	026730-14-3 72
5		Sulfurous acid, butyl octyl ester	250 C12H26O3S	1000309-17-5 64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122719\
Data File : VD064640.D
Acq On : 27 Dec 2019 12:59
Operator : VA/SY
Sample : K6437-07
Misc : 6.37G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
GP-5-(5-6)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.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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unknown13.47	13.47	257.4	ug/l	8454760	4	13.58	1642550	50.0
Spiro[4.5]decane	13.91	347.6	ug/l	11418400	4	13.58	1642550	50.0
5-Ethyldecane	14.30	371.9	ug/l	12218300	4	13.58	1642550	50.0
Naphthalene, deca...	14.42	537.1	ug/l	17645800	4	13.58	1642550	50.0
1-Methyldecahydro...	14.58	357.8	ug/l	11754700	4	13.58	1642550	50.0
Oxalic acid, cycl...	14.84	434.5	ug/l	14272700	4	13.58	1642550	50.0
Undecane, 2,6-dim...	14.88	775.5	ug/l	25474700	4	13.58	1642550	50.0
unknown14.94	14.94	254.8	ug/l	8370970	4	13.58	1642550	50.0
Octane, 2,6-dimet...	15.38	563.3	ug/l	18506200	4	13.58	1642550	50.0