

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066892.D
 Acq On : 26 Sep 2020 01:16
 Operator : VA/SY
 Sample : L4154-02
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1(11-13)

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\82D092220S.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	4.156	373	380	390	rVB2	12805	35234	1.41%	0.161%
2	4.414	413	424	435	rVB2	42883	122054	4.88%	0.556%
3	4.967	508	518	530	rBV4	25344	82947	3.32%	0.378%
4	5.985	683	691	700	rBV7	12267	36124	1.45%	0.165%
5	7.197	886	897	908	rBV	49694	143047	5.72%	0.652%
6	7.914	1006	1019	1024	rBV	313583	756995	30.29%	3.450%
7	7.979	1024	1030	1042	rVB	613130	1373459	54.95%	6.260%
8	8.326	1071	1089	1101	rBV3	265393	758214	30.34%	3.456%
9	8.861	1171	1180	1189	rBV	890610	1766269	70.67%	8.051%
10	10.338	1422	1431	1440	rBV	1395893	2499248	100.00%	11.392%
11	10.514	1455	1461	1468	rVB9	11277	27771	1.11%	0.127%
12	11.243	1578	1585	1592	rBV2	56350	95992	3.84%	0.438%
13	11.349	1597	1603	1606	rBV8	13004	25623	1.03%	0.117%
14	11.455	1608	1621	1628	rVV8	37039	120238	4.81%	0.548%
15	11.643	1644	1653	1662	rBV	1355951	2396685	95.90%	10.924%
16	11.855	1681	1689	1692	rBV6	47558	106072	4.24%	0.483%
17	11.985	1708	1711	1718	rBV8	11875	26329	1.05%	0.120%
18	12.149	1732	1739	1746	rBV6	60195	156453	6.26%	0.713%
19	12.267	1756	1759	1763	rVB3	36025	57391	2.30%	0.262%
20	12.379	1763	1778	1784	rBV7	75573	260186	10.41%	1.186%
21	12.473	1788	1794	1801	rBV10	32979	91526	3.66%	0.417%
22	12.632	1815	1821	1831	rBV	1154728	1884950	75.42%	8.592%
23	12.720	1833	1836	1840	rVB6	19919	28542	1.14%	0.130%
24	12.796	1843	1849	1856	rVB5	166995	337813	13.52%	1.540%
25	12.879	1856	1863	1868	rBV7	48197	138896	5.56%	0.633%
26	12.949	1870	1875	1883	rBV5	186420	408908	16.36%	1.864%
27	13.096	1896	1900	1905	rBV4	55848	82252	3.29%	0.375%
28	13.149	1905	1909	1911	rBV5	25900	42037	1.68%	0.192%
29	13.185	1911	1915	1919	rBV2	106198	159964	6.40%	0.729%
30	13.314	1934	1937	1941	rVB3	39312	45551	1.82%	0.208%
31	13.402	1949	1952	1955	rBV4	30313	44282	1.77%	0.202%
32	13.461	1957	1962	1966	rVV5	103229	213874	8.56%	0.975%
33	13.508	1966	1970	1973	rVV4	83448	133146	5.33%	0.607%
34	13.579	1975	1982	1990	rVB	1401856	2466421	98.69%	11.242%

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35	13.649	1990	1994	1999	rBV4	71836	105663	4.23%	0.482%
36	13.720	2000	2006	2010	rVV6	78341	138523	5.54%	0.631%
37	13.849	2024	2028	2031	rBV6	33335	43872	1.76%	0.200%
38	13.896	2031	2036	2042	rVV3	348869	556245	22.26%	2.535%
39	13.943	2042	2044	2050	rVB7	35176	50697	2.03%	0.231%
40	14.226	2087	2092	2098	rBV5	81833	148165	5.93%	0.675%
41	14.285	2098	2102	2109	rVB8	74474	147355	5.90%	0.672%
42	14.349	2109	2113	2115	rBV4	46305	75720	3.03%	0.345%
43	14.408	2119	2123	2128	rVV4	214513	430485	17.22%	1.962%
44	14.455	2128	2131	2139	rVB8	90219	163057	6.52%	0.743%
45	14.526	2139	2143	2147	rBV4	94442	133715	5.35%	0.609%
46	14.573	2147	2151	2156	rVV2	203554	319939	12.80%	1.458%
47	14.626	2157	2160	2166	rVB8	55256	88315	3.53%	0.403%
48	14.755	2178	2182	2188	rVB4	126662	209922	8.40%	0.957%
49	14.832	2189	2195	2198	rVV5	130589	279819	11.20%	1.275%
50	14.873	2199	2202	2209	rVB5	166921	323296	12.94%	1.474%
51	14.996	2220	2223	2227	rBV6	50586	79685	3.19%	0.363%
52	15.090	2237	2239	2244	rVB6	76500	119220	4.77%	0.543%
53	15.284	2269	2272	2281	rVB9	99642	217070	8.69%	0.989%
54	15.367	2282	2286	2287	rBV3	105981	128345	5.14%	0.585%
55	15.402	2288	2292	2298	rVB	259424	478251	19.14%	2.180%
56	15.602	2323	2326	2334	rVB8	83969	171378	6.86%	0.781%
57	15.779	2352	2356	2364	rVB7	86030	172638	6.91%	0.787%
58	16.349	2451	2453	2460	rVB7	34009	49091	1.96%	0.224%
59	16.437	2464	2468	2473	rVV7	41372	82439	3.30%	0.376%
60	16.496	2475	2478	2483	rVB2	57724	98548	3.94%	0.449%
61	16.702	2507	2513	2527	rVB2	61335	203498	8.14%	0.928%

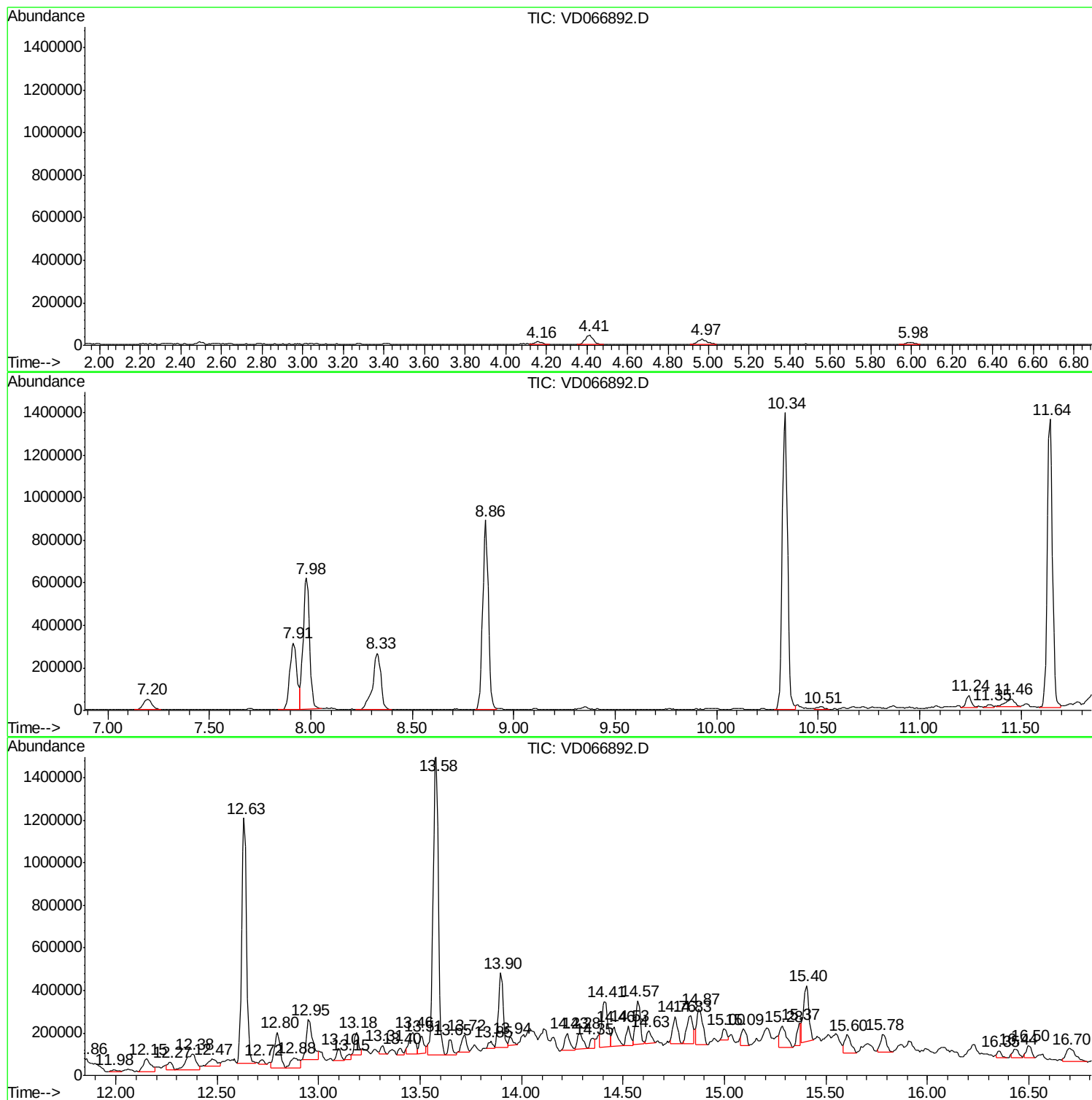
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Quant Title : SW846 8260

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



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ClientSampleId :
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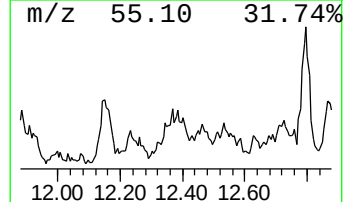
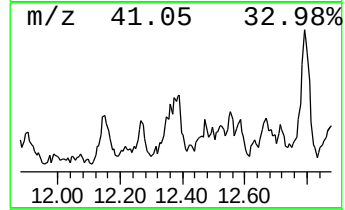
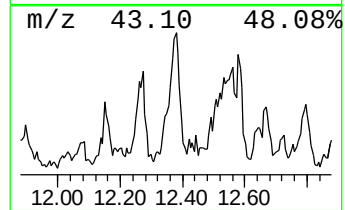
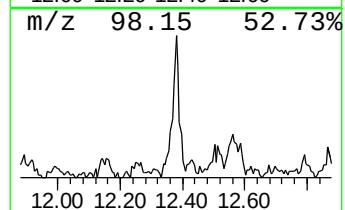
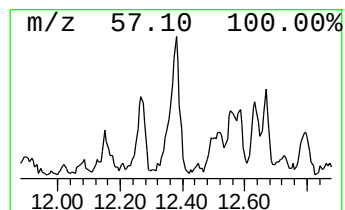
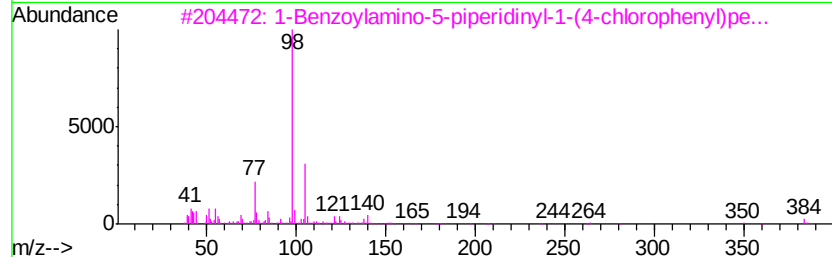
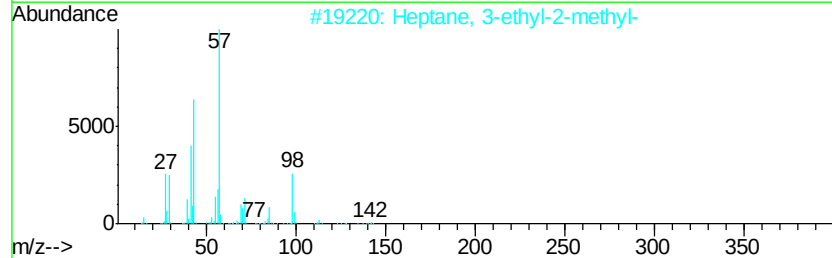
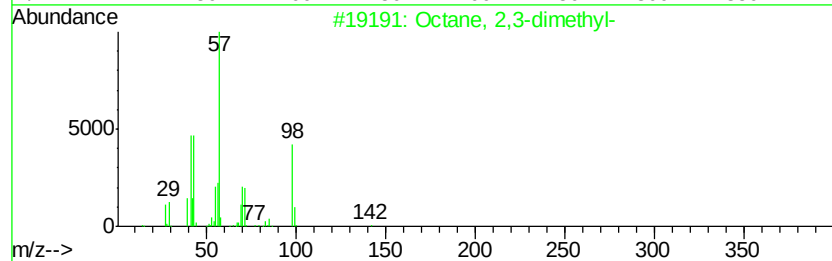
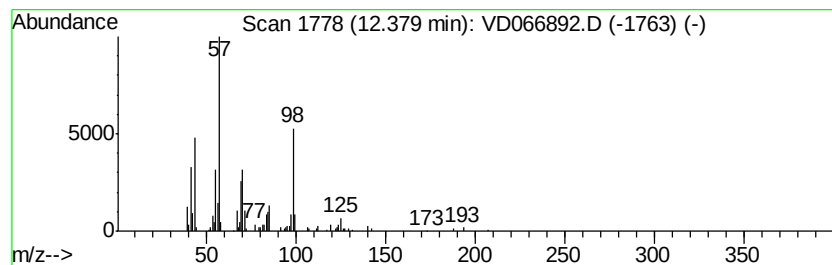
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown12.38 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	5.43 ug/l	260186	Chlorobenzene-d5	11.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	38
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	35
3		1-Benzoylamino-5-piperidinyl-1-(...	384	C23H29ClN2O	171203-89-7	35
4		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	35
5		2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	1000365-51-1	35



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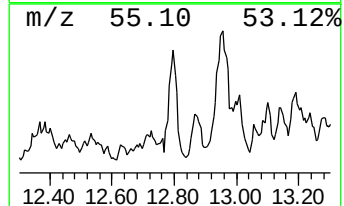
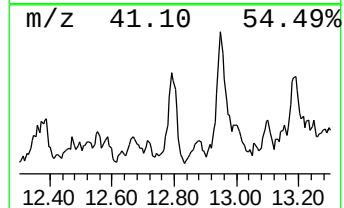
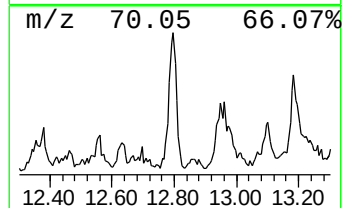
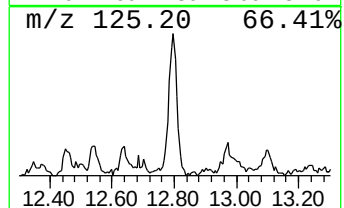
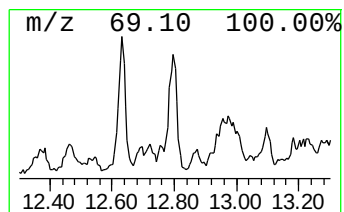
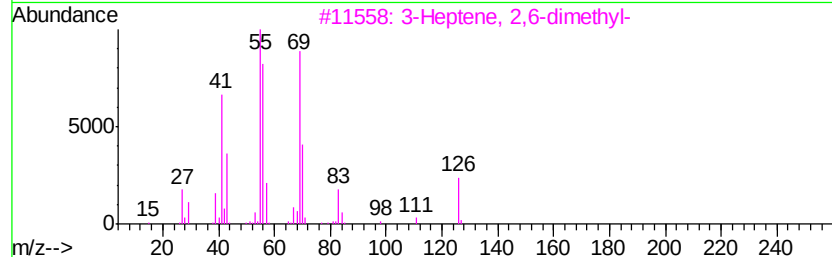
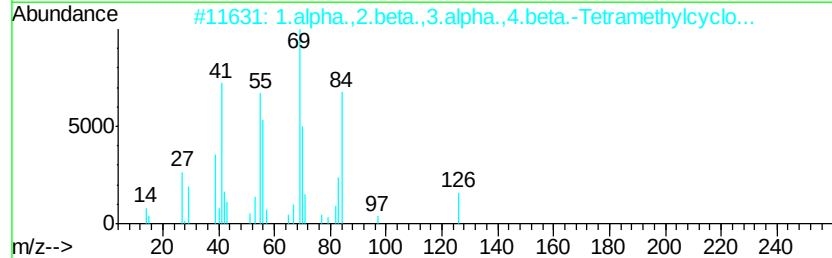
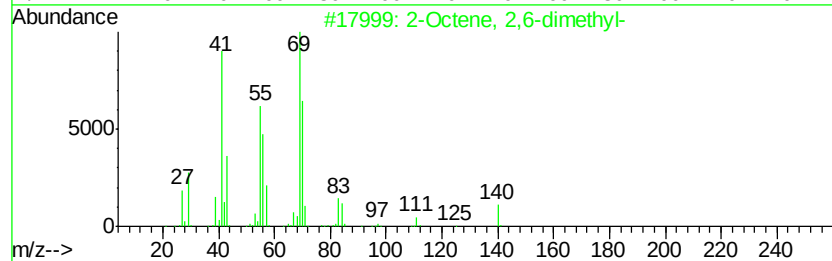
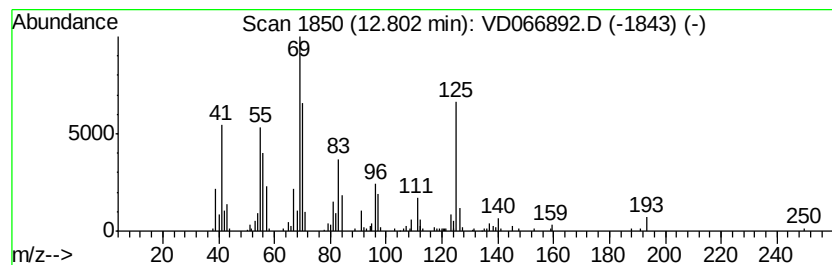
Instrument :
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Quant Title : SW846 8260

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

Peak Number 3 2-Octene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	6.85 ug/l	337813	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Octene, 2,6-dimethyl-	140 C10H20	004057-42-5	70
2	1.alpha.,2.beta.,3.alpha.,4.beta...	126 C9H18	002532-67-4	43
3	3-Heptene, 2,6-dimethyl-	126 C9H18	002738-18-3	43
4	2,6-Nonadienal, (E,Z)-	138 C9H14O	000557-48-2	38
5	Cyclohexane, 1,1,2-trimethyl-	126 C9H18	007094-26-0	38



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ALS Vial : 34 Sample Multiplier: 1

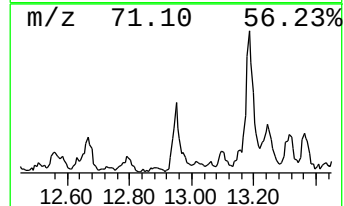
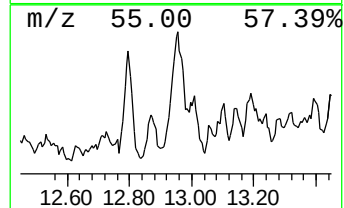
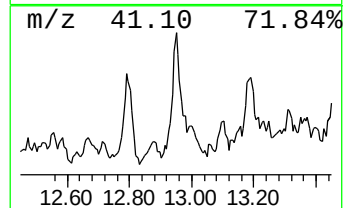
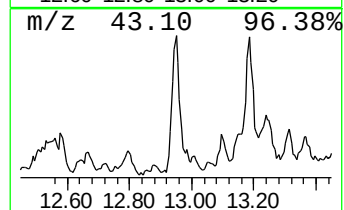
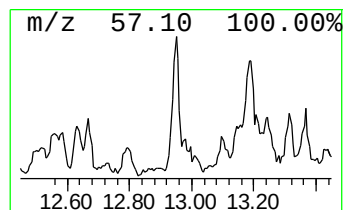
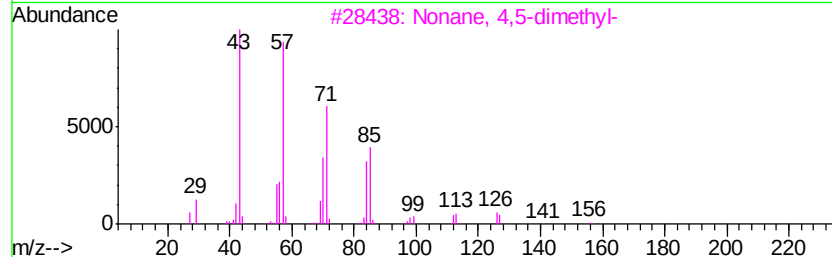
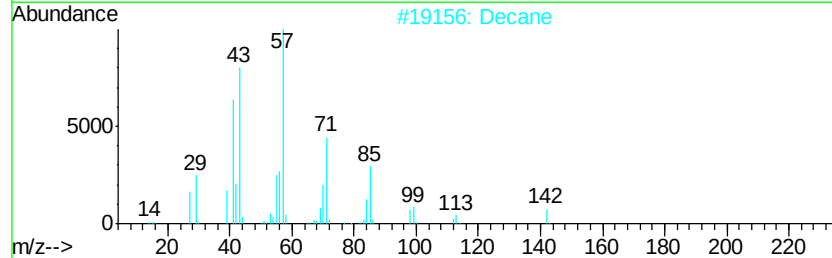
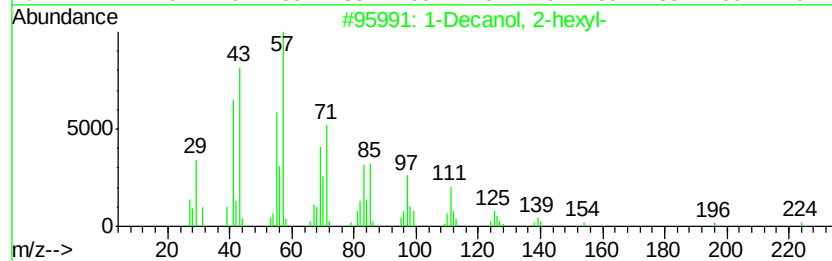
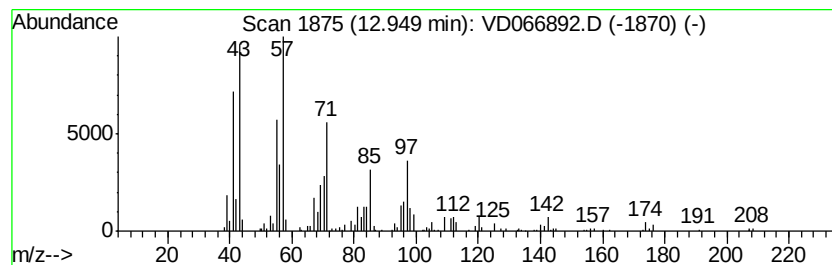
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Decanol, 2-hexyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	8.29 ug/l	408908	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Decanol, 2-hexyl-	242 C16H34O	002425-77-6	90
2	Decane	142 C10H22	000124-18-5	70
3	Nonane, 4,5-dimethyl-	156 C11H24	017302-23-7	53
4	Octane, 5-ethyl-2-methyl-	156 C11H24	062016-18-6	49
5	Ether, 6-methylheptyl vinyl	156 C10H20O	010573-35-0	49



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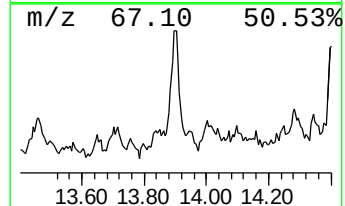
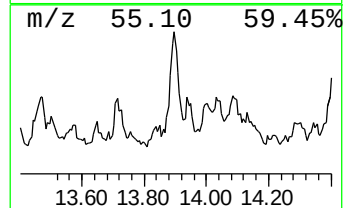
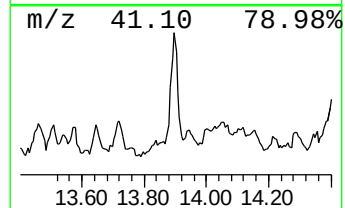
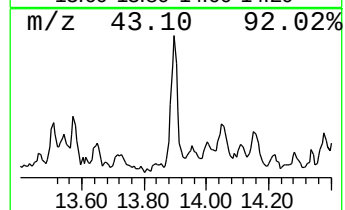
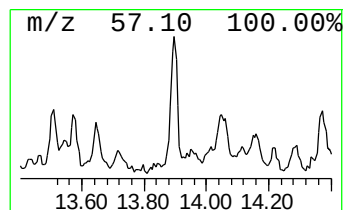
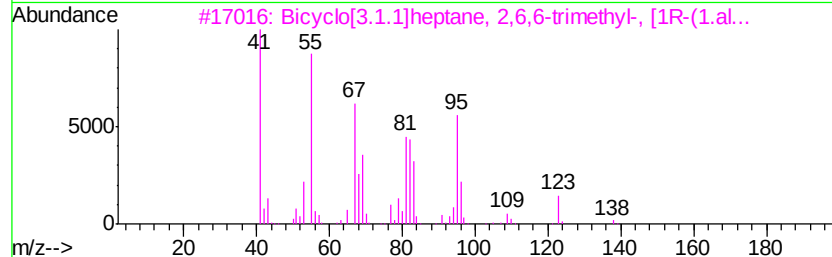
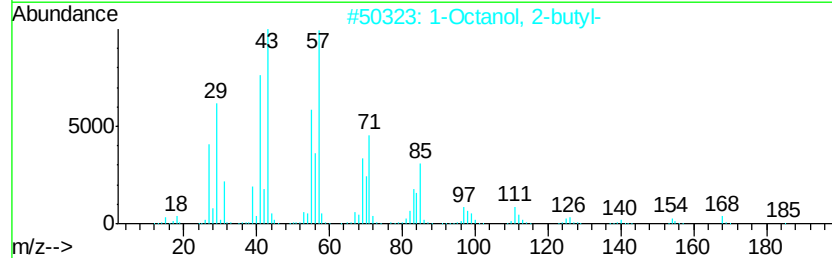
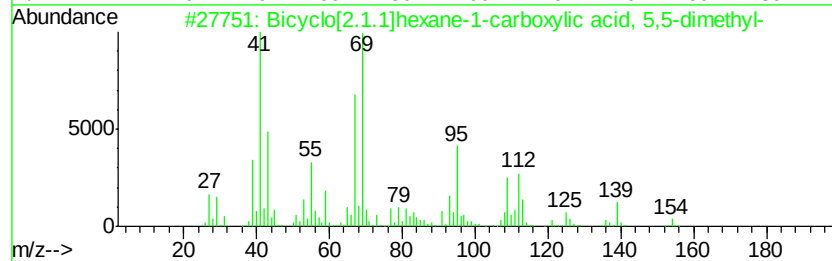
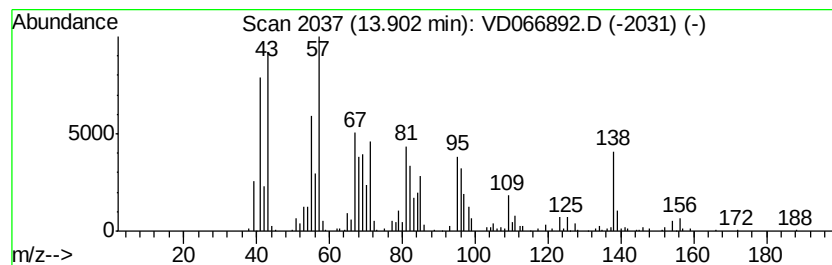
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Quant Title : SW846 8260

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

Peak Number 5 unknown13.90 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	11.28 ug/l	556245	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.1.1]hexane-1-carboxyli...	154	C9H14O2	003753-38-6	38
2		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	30
3		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	22
4		Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	22
5		Undecanal	170	C11H22O	000112-44-7	22



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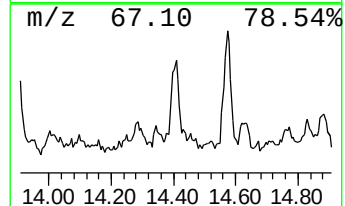
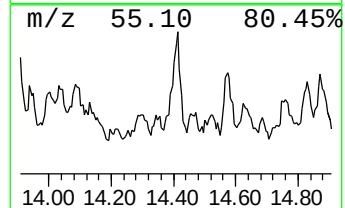
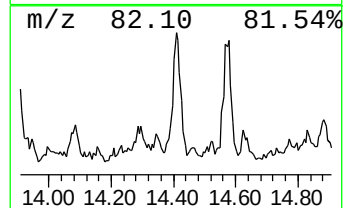
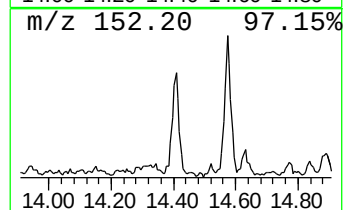
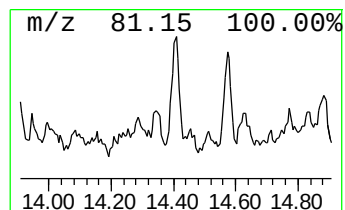
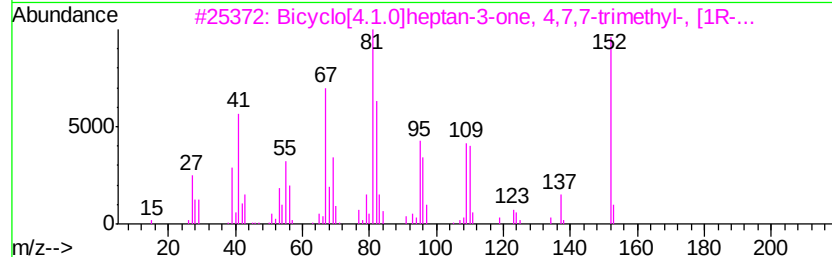
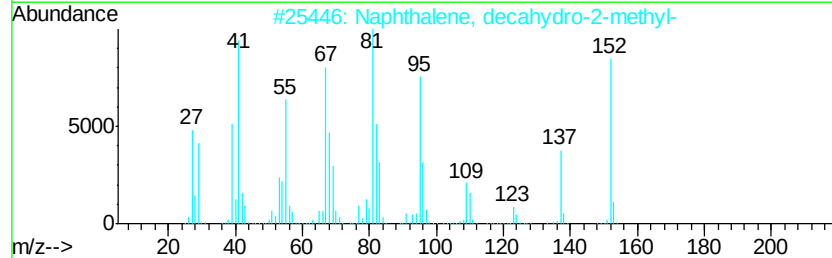
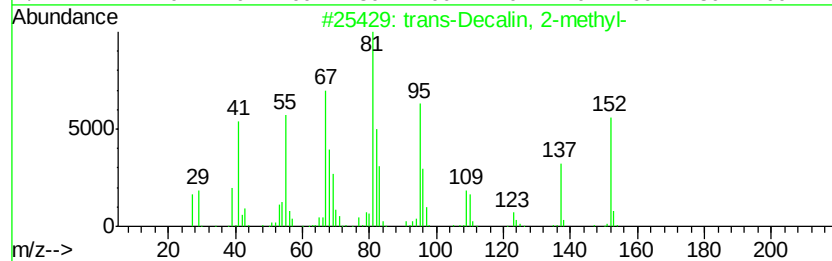
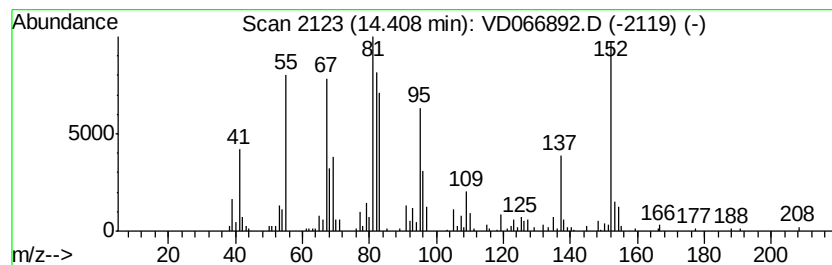
Instrument :
MSVOA_D
ClientSampleId :
B-1(11-13)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260

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

Peak Number 6 trans-Decalin, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	8.73 ug/l	430485	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3	80
2	Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1	76
3	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152 C10H16O	004176-01-6	72
4	Cyclopentylcyclohexane	152 C11H20	001606-08-2	60
5	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152 C10H16O	004176-04-9	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092520\
Data File : VD066892.D
Acq On : 26 Sep 2020 01:16
Operator : VA/SY
Sample : L4154-02
Misc : 5.02G/5.00ml/MSVOA D/SOIL
ALS Vial : 34 Sample Multiplier: 1

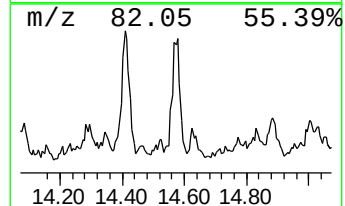
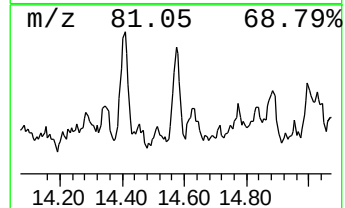
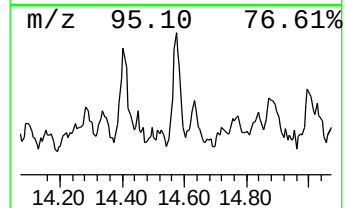
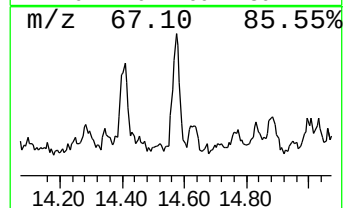
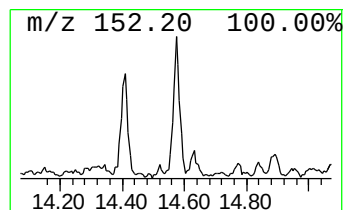
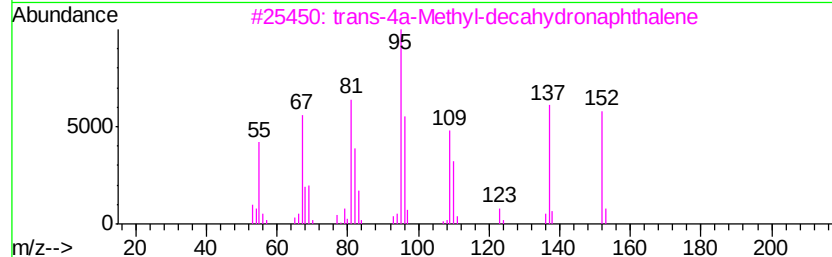
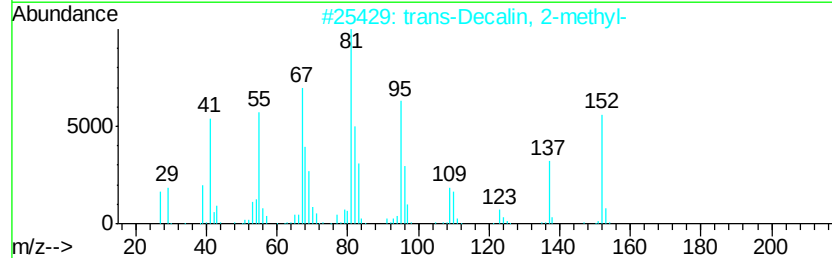
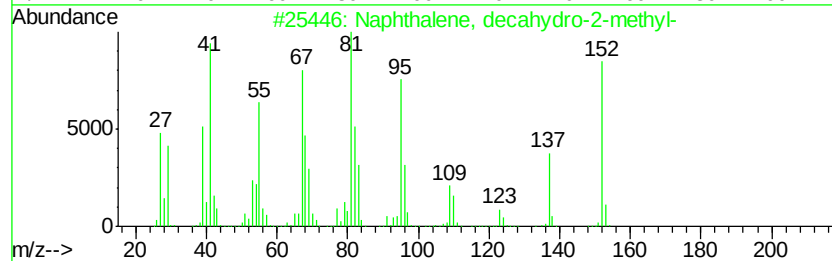
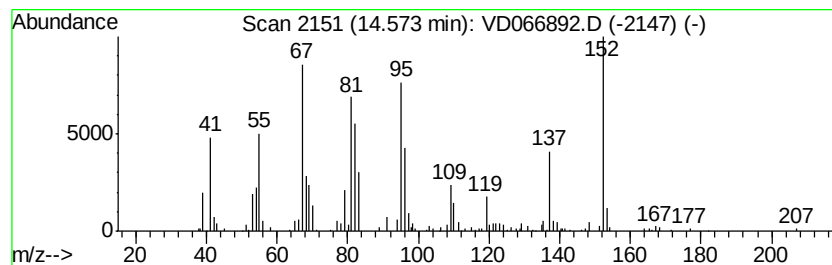
Instrument :
MSVOA_D
ClientSampled :
B-1(11-13)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, decahydro-2-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	6.49 ug/l	319939	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 94
2		trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3 90
3		trans-4a-Methyl-decahydronaphtha...	152 C11H20	002547-27-5 89
4		Cyclohexanone, 5-methyl-2-(1-met...	152 C10H16O	015932-80-6 70
5		Pulegone	152 C10H16O	000089-82-7 64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092520\
Data File : VD066892.D
Acq On : 26 Sep 2020 01:16
Operator : VA/SY
Sample : L4154-02
Misc : 5.02G/5.00ml/MSVOA D/SOIL
ALS Vial : 34 Sample Multiplier: 1

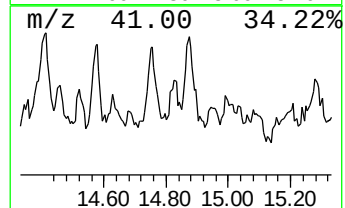
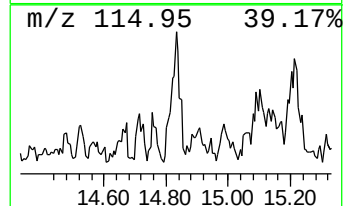
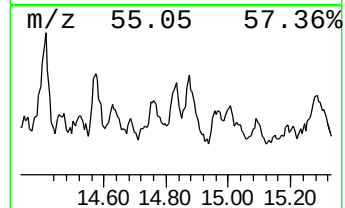
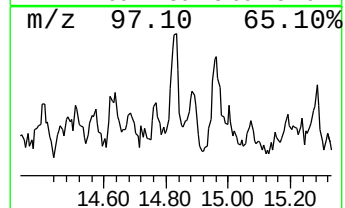
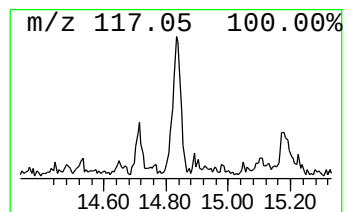
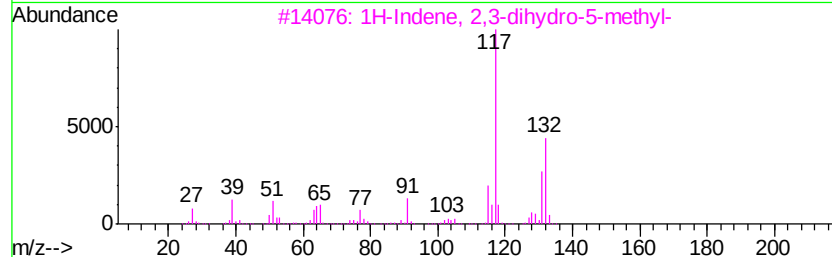
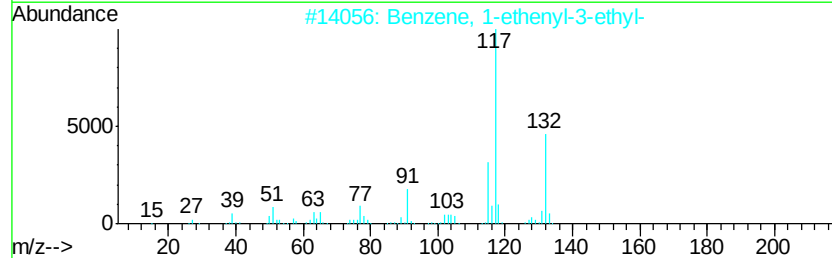
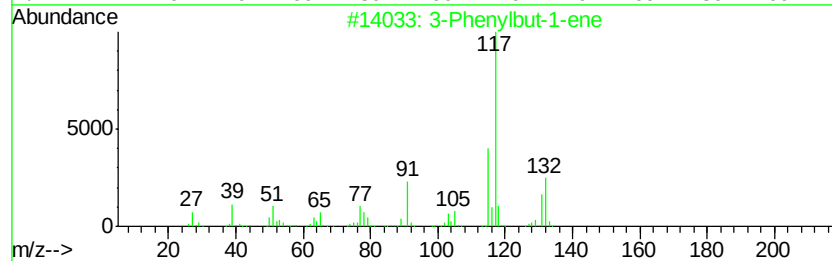
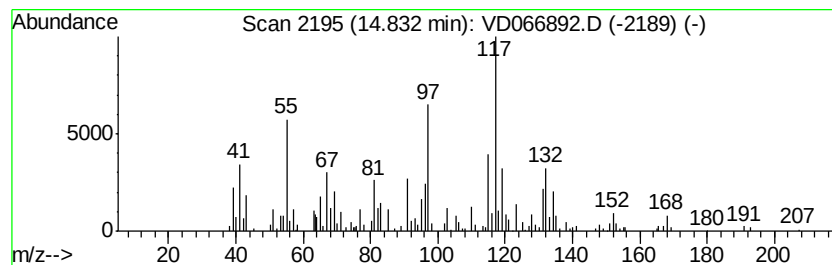
Instrument :
MSVOA_D
ClientSampled :
B-1(11-13)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260

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

Peak Number 8 3-Phenylbut-1-ene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	5.67 ug/l	279819	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Phenylbut-1-ene	132 C10H12	000934-10-1	55
2	Benzene, 1-ethenyl-3-ethyl-	132 C10H12	007525-62-4	50
3	1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1	46
4	Benzene, 2-ethenyl-1,3-dimethyl-	132 C10H12	002039-90-9	45
5	Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000768-00-3	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092520\
Data File : VD066892.D
Acq On : 26 Sep 2020 01:16
Operator : VA/SY
Sample : L4154-02
Misc : 5.02G/5.00ml/MSVOA D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-1(11-13)

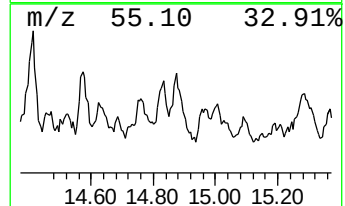
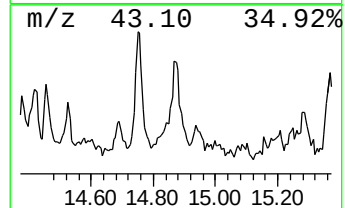
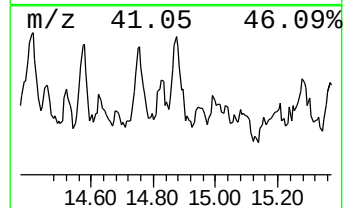
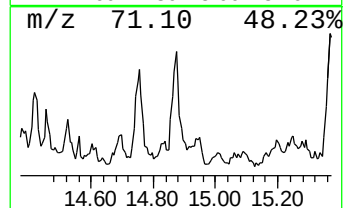
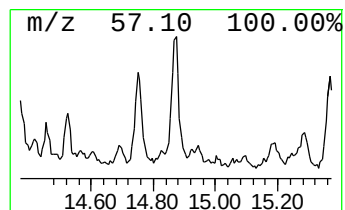
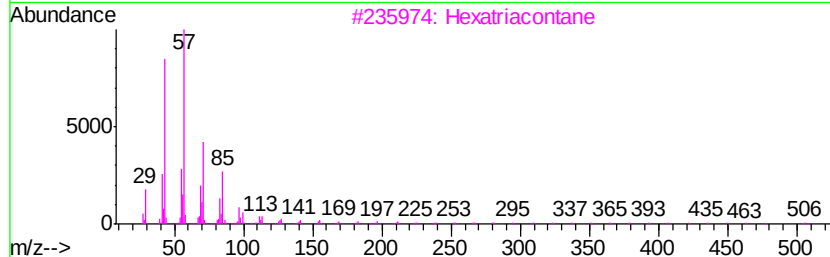
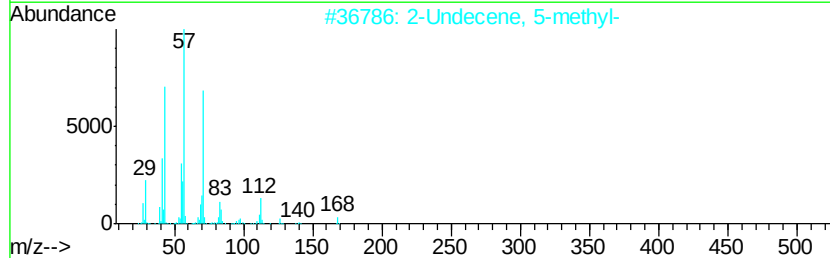
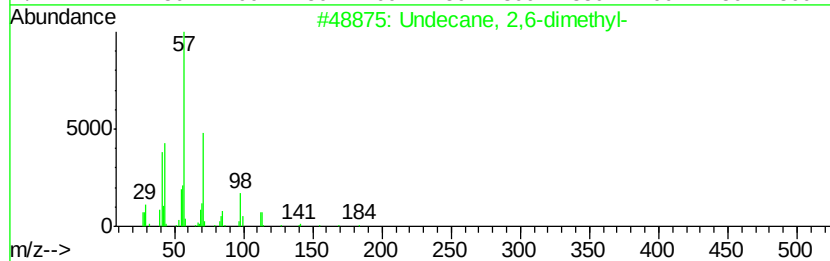
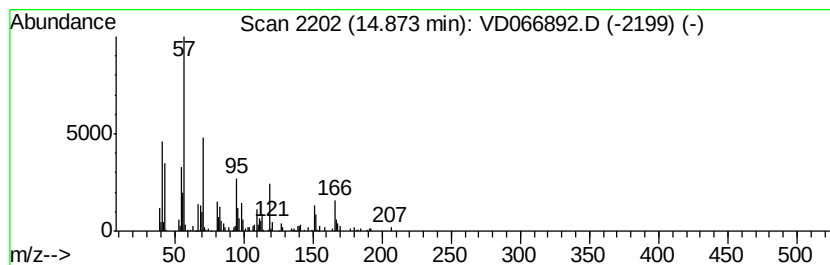
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260

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

Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	6.55 ug/l	323296	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	50	
2	2-Undecene, 5-methyl-	168	C12H24	056851-34-4	41	
3	Hexatriacontane	507	C36H74	000630-06-8	35	
4	Diethylmalonic acid, monochlorid...	290	C15H27ClO3	1000369-51-0	35	
5	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	35	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD092520\
Data File : VD066892.D
Acq On : 26 Sep 2020 01:16
Operator : VA/SY
Sample : L4154-02
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-1(11-13)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.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
unknown12.38	12.38	5.4	ug/l	260186	3	11.64	2396690	50.0
2-Octene, 2,6-dim...	12.80	6.8	ug/l	337813	4	13.58	2466420	50.0
1-Decanol, 2-hexyl-	12.95	8.3	ug/l	408908	4	13.58	2466420	50.0
unknown13.90	13.90	11.3	ug/l	556245	4	13.58	2466420	50.0
trans-Decalin, 2-...	14.41	8.7	ug/l	430485	4	13.58	2466420	50.0
Naphthalene, deca...	14.57	6.5	ug/l	319939	4	13.58	2466420	50.0
3-Phenylbut-1-ene	14.83	5.7	ug/l	279819	4	13.58	2466420	50.0
Undecane, 2,6-dim...	14.87	6.5	ug/l	323296	4	13.58	2466420	50.0