

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120720\
 Data File : VD067896.D
 Acq On : 07 Dec 2020 13:30
 Operator : VA/SY
 Sample : L4968-01
 Misc : 6.14G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HSD-SOIL

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\82D120120S.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	1.950	3	5	10	rVB2	24777	27696	2.72%	0.234%
2	2.350	67	73	78	rBV2	10893	16668	1.64%	0.141%
3	4.962	508	517	529	rBV4	8605	27362	2.69%	0.231%
4	7.920	1010	1020	1025	rBV	136997	321384	31.57%	2.712%
5	7.985	1025	1031	1041	rVB2	281674	650939	63.95%	5.493%
6	8.338	1079	1091	1103	rVB	120845	266855	26.22%	2.252%
7	8.867	1172	1181	1191	rBV	335314	685612	67.36%	5.786%
8	10.344	1422	1432	1438	rBV	503999	915339	89.93%	7.725%
9	10.408	1438	1443	1456	rVV	560611	1017848	100.00%	8.590%
10	11.244	1581	1585	1592	rBV5	7476	13517	1.33%	0.114%
11	11.355	1598	1604	1609	rBV3	5978	10356	1.02%	0.087%
12	11.438	1609	1618	1619	rBV3	15036	27442	2.70%	0.232%
13	11.532	1629	1634	1640	rVB3	14927	23385	2.30%	0.197%
14	11.650	1644	1654	1665	rVB	461260	799544	78.55%	6.747%
15	11.744	1665	1670	1673	rBV2	6752	10419	1.02%	0.088%
16	11.785	1673	1677	1680	rVV5	13165	19893	1.95%	0.168%
17	11.861	1680	1690	1699	rVV4	144932	322497	31.68%	2.722%
18	11.932	1699	1702	1708	rVB3	24620	44602	4.38%	0.376%
19	12.085	1722	1728	1733	rVB7	8221	16917	1.66%	0.143%
20	12.155	1733	1740	1752	rBV7	67793	211015	20.73%	1.781%
21	12.273	1753	1760	1764	rBV2	74137	105529	10.37%	0.891%
22	12.320	1764	1768	1770	rBV4	13775	19095	1.88%	0.161%
23	12.397	1770	1781	1791	rBV6	79238	254958	25.05%	2.152%
24	12.473	1791	1794	1798	rBV4	19867	29367	2.89%	0.248%
25	12.532	1800	1804	1806	rBV4	18249	28704	2.82%	0.242%
26	12.561	1806	1809	1812	rBV2	40209	54916	5.40%	0.463%
27	12.591	1812	1814	1817	rVB2	45152	39558	3.89%	0.334%
28	12.638	1817	1822	1827	rBV	405691	644522	63.32%	5.439%
29	12.802	1846	1850	1857	rVB4	70415	129021	12.68%	1.089%
30	12.879	1857	1863	1867	rBV4	55737	118881	11.68%	1.003%
31	12.955	1868	1876	1882	rBV2	505431	940466	92.40%	7.937%
32	13.014	1882	1886	1891	rVB3	83323	142531	14.00%	1.203%
33	13.102	1891	1901	1904	rBV7	55169	119275	11.72%	1.007%
34	13.149	1904	1909	1911	rBV3	43112	74839	7.35%	0.632%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	13.191	1911	1916	1923	rVB3	147988	256074	25.16%	2.161%
36	13.285	1929	1932	1933	rBV3	13489	15368	1.51%	0.130%
37	13.320	1934	1938	1942	rVV4	42651	86849	8.53%	0.733%
38	13.367	1942	1946	1950	rVV5	54414	111320	10.94%	0.939%
39	13.402	1950	1952	1955	rVV4	38957	45262	4.45%	0.382%
40	13.467	1955	1963	1967	rVV5	167058	402104	39.51%	3.393%
41	13.508	1967	1970	1973	rVV3	86824	128354	12.61%	1.083%
42	13.579	1973	1982	1990	rVV	564430	997674	98.02%	8.419%
43	13.649	1990	1994	1999	rVV4	63637	96238	9.46%	0.812%
44	13.720	1999	2006	2010	rVV6	40557	94563	9.29%	0.798%
45	13.767	2010	2014	2020	rVB8	19504	30909	3.04%	0.261%
46	13.855	2022	2029	2031	rBV5	28616	55587	5.46%	0.469%
47	13.902	2031	2037	2042	rVV2	353334	595672	58.52%	5.027%
48	13.944	2042	2044	2049	rVB3	42908	50603	4.97%	0.427%
49	14.002	2049	2054	2059	rBV5	31960	50968	5.01%	0.430%
50	14.161	2078	2081	2087	rVB6	32341	50265	4.94%	0.424%
51	14.226	2087	2092	2097	rVV8	13158	33700	3.31%	0.284%
52	14.285	2099	2102	2109	rVV8	28498	65994	6.48%	0.557%
53	14.344	2110	2112	2115	rVV4	19928	30416	2.99%	0.257%
54	14.414	2118	2124	2128	rVV5	70930	154158	15.15%	1.301%
55	14.461	2128	2132	2138	rVV7	26490	51357	5.05%	0.433%
56	14.526	2138	2143	2145	rVV5	20642	35908	3.53%	0.303%
57	14.573	2147	2151	2156	rVV7	31200	59117	5.81%	0.499%
58	14.626	2157	2160	2167	rVV8	20550	43604	4.28%	0.368%
59	14.685	2167	2170	2173	rVV5	8294	12347	1.21%	0.104%
60	14.755	2177	2182	2190	rVV3	49221	95907	9.42%	0.809%
61	14.832	2190	2195	2200	rVV8	16448	39416	3.87%	0.333%
62	14.867	2200	2201	2210	rVB7	15220	28924	2.84%	0.244%

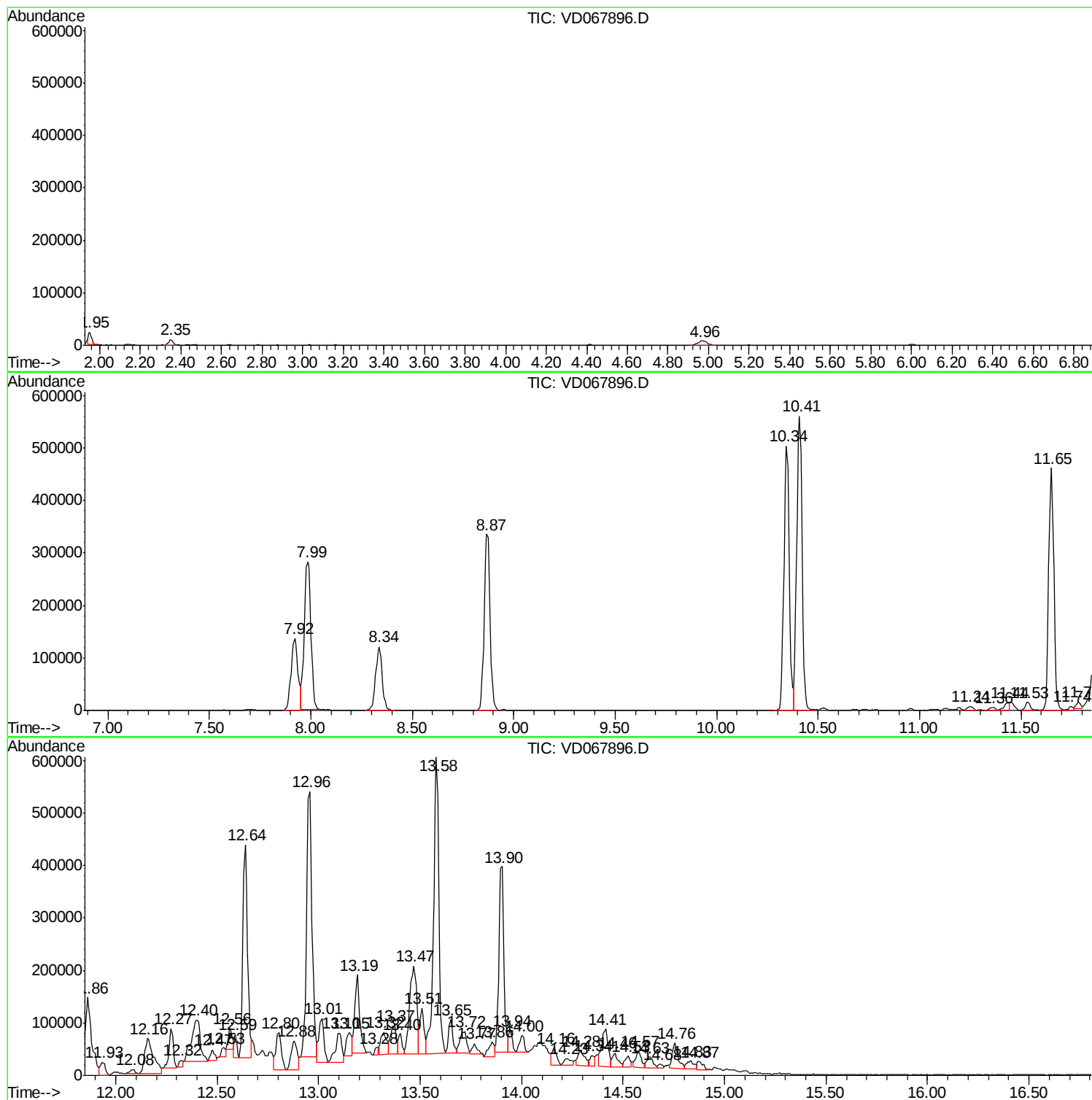
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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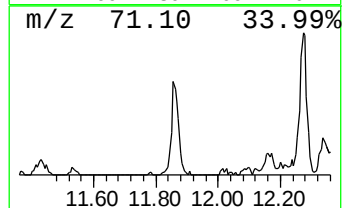
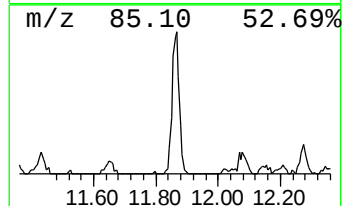
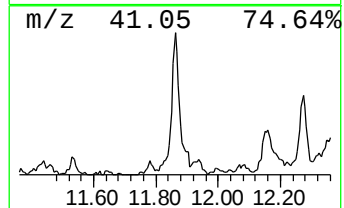
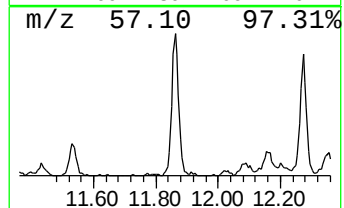
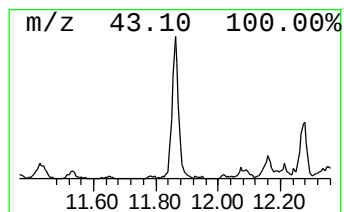
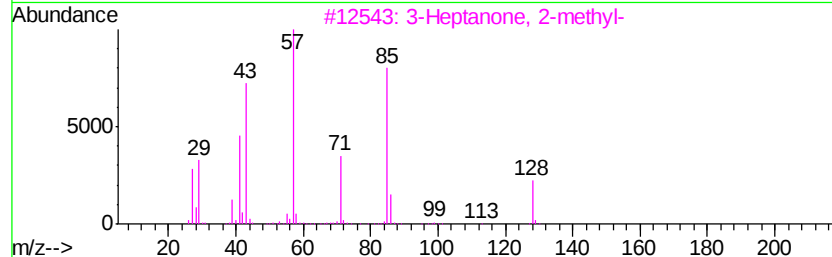
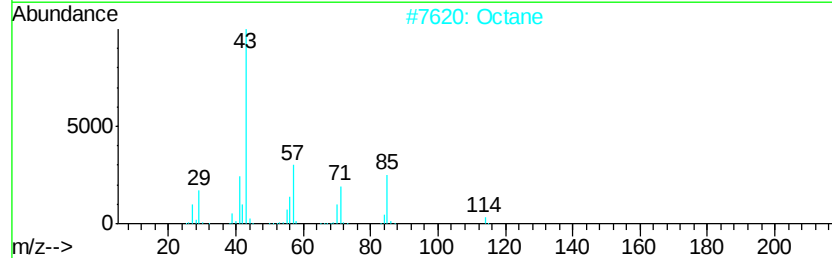
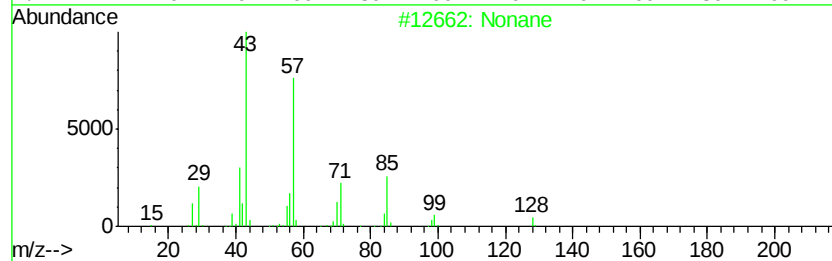
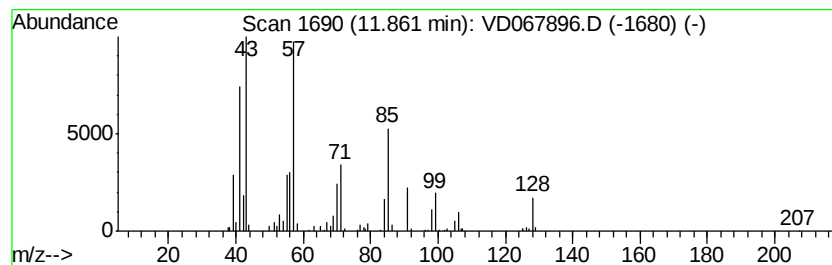
Instrument :
MSVOA_D
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260

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

Peak Number 1 Nonane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.86	20.17 ug/l	322497	Chlorobenzene-d5	11.65		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane		128	C9H20	000111-84-2	91
2	Octane		114	C8H18	000111-65-9	47
3	3-Heptanone, 2-methyl-		128	C8H16O	013019-20-0	43
4	Heptane, 2,5-dimethyl-		128	C9H20	002216-30-0	43
5	Sulfurous acid, hexyl heptyl ester		264	C13H28O3S	1000309-12-9	43



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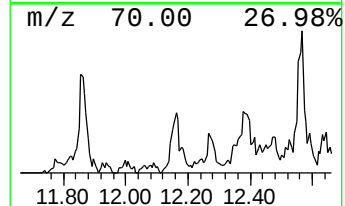
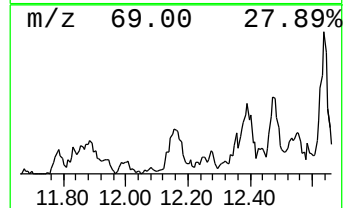
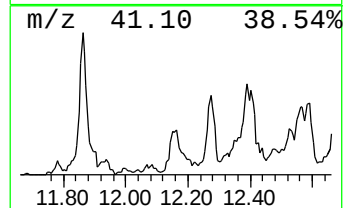
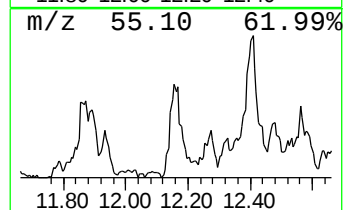
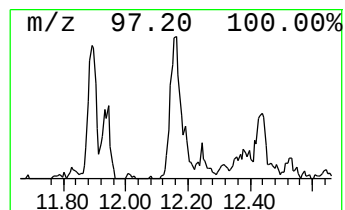
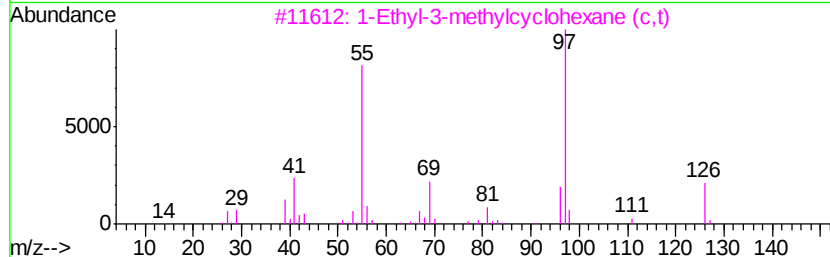
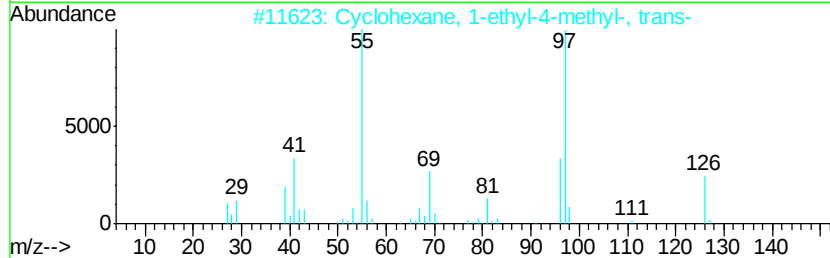
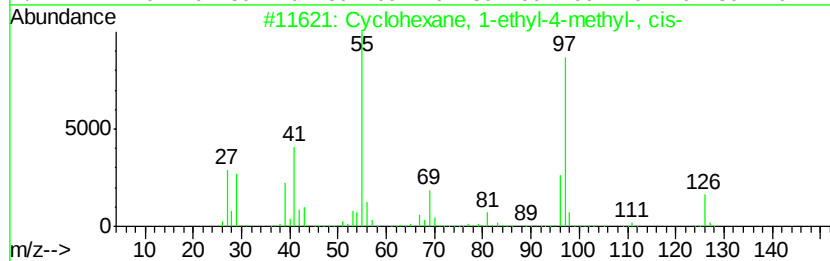
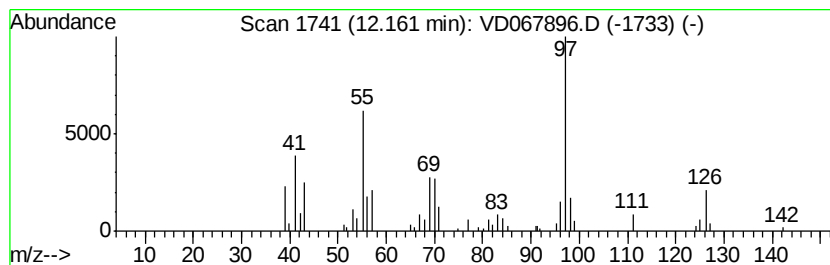
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	13.20 ug/l	211015	Chlorobenzene-d5	11.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	52
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	52
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	52
4		2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	50
5		1H-Pyrazole, 4,5-dihydro-3-methy...	126	C7H14N2	026964-49-8	50



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ALS Vial : 9 Sample Multiplier: 1

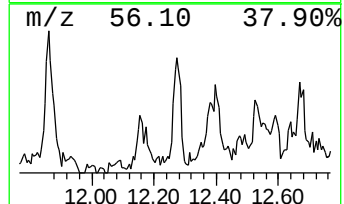
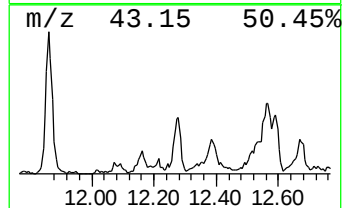
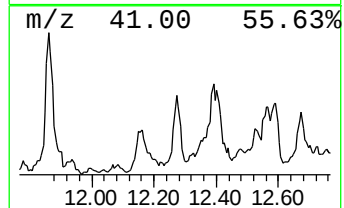
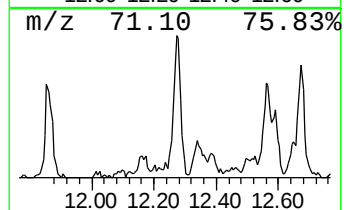
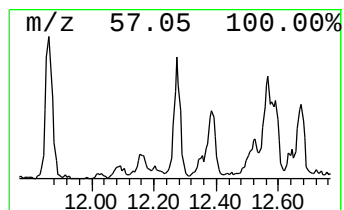
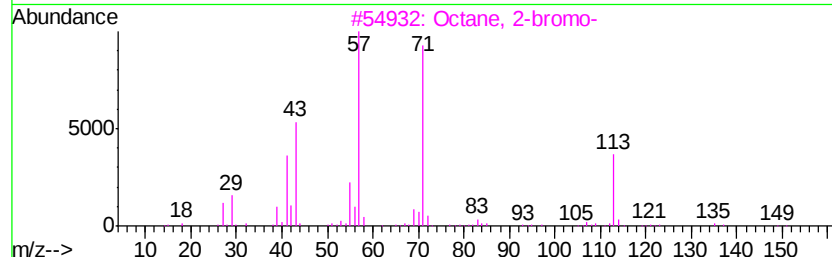
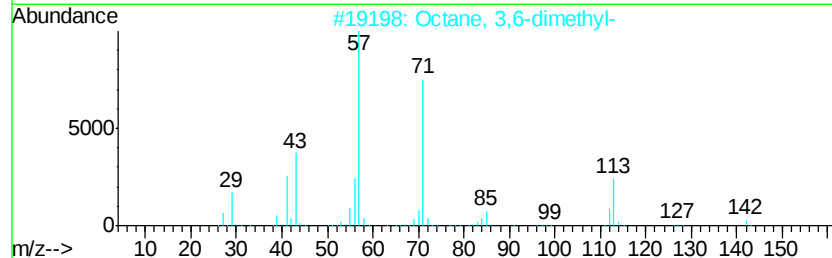
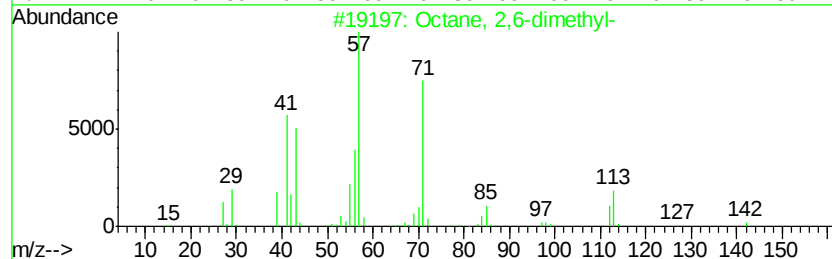
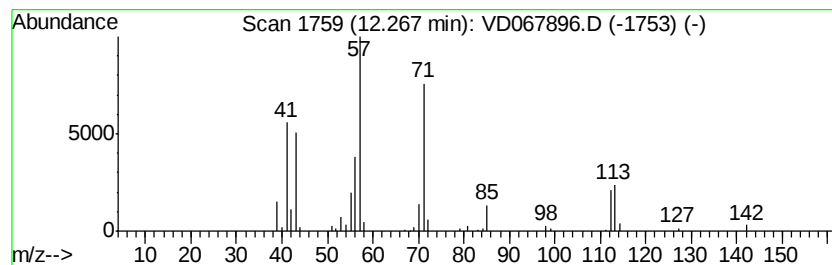
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.27	6.60 ug/l	105529	Chlorobenzene-d5	11.65		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91	
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87	
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	53	
4	5,11-Diethyl-8-methyl-7,9-dioxap...	286	C18H38O2	1000334-83-1	50	
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	47	



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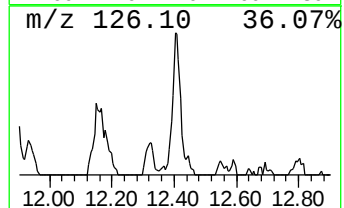
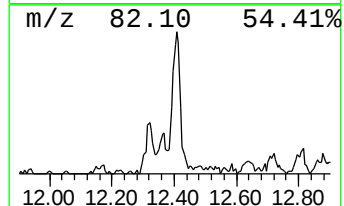
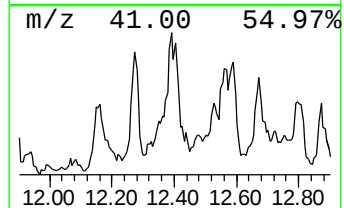
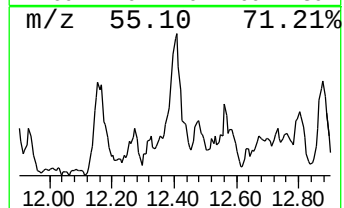
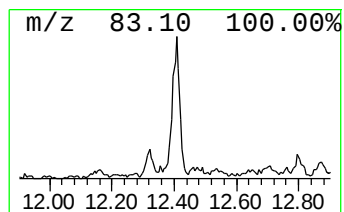
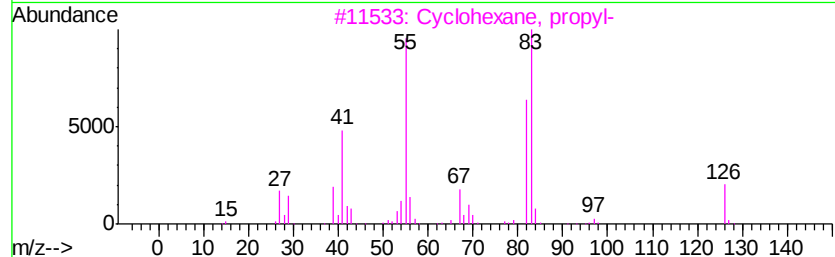
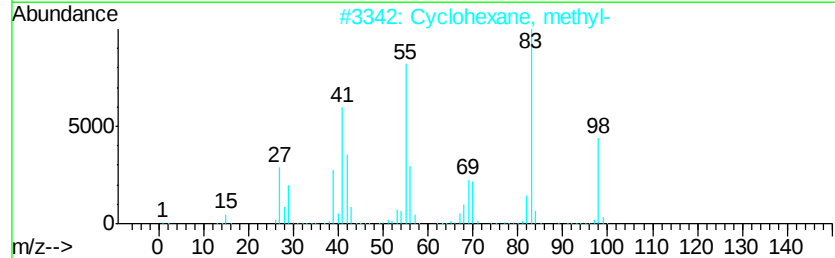
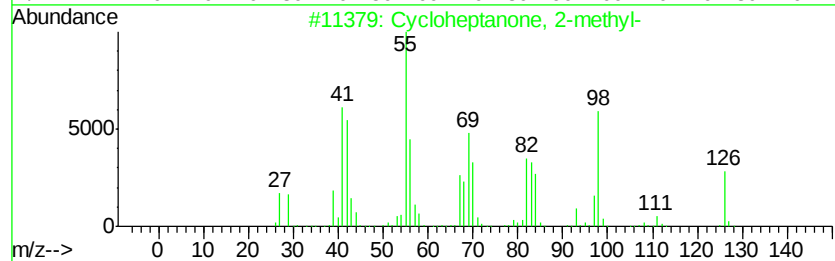
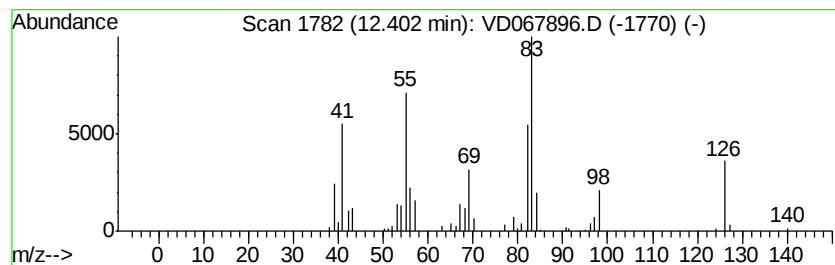
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cycloheptanone, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.40	15.94 ug/l	254958	Chlorobenzene-d5	11.65	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvcloheptanone, 2-methyl-	126	C8H14O	000932-56-9	60
2	Cvclohexane, methyl-	98	C7H14	000108-87-2	52
3	Cvclohexane, propyl-	126	C9H18	001678-92-8	49
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	43
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	43



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ClientSampleId :
HSD-SOIL

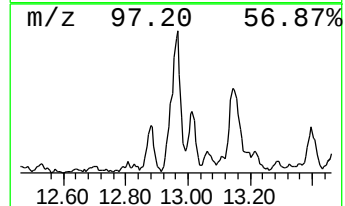
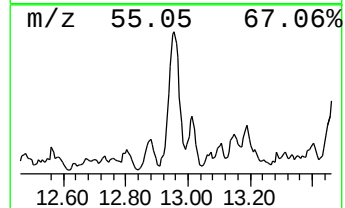
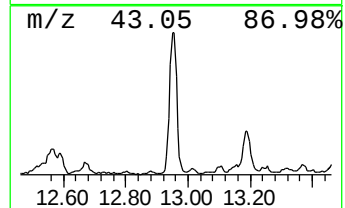
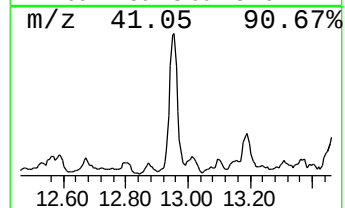
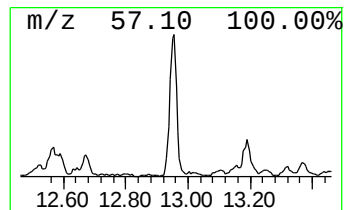
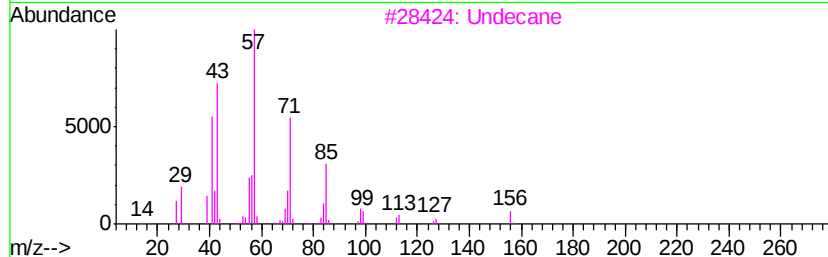
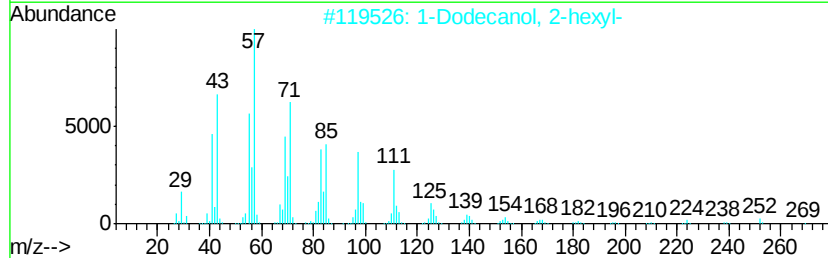
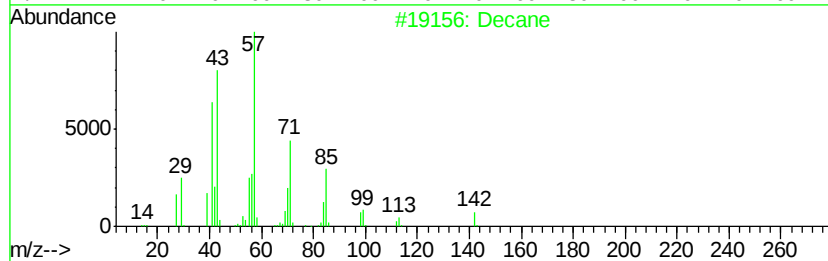
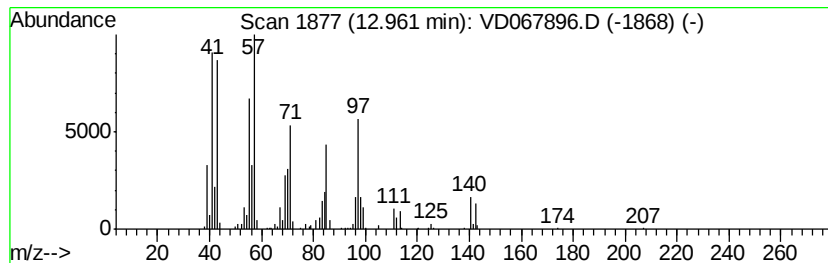
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Quant Title : SW846 8260

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

Peak Number 5 Decane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	47.13 ug/l	940466	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	95
2	1-Dodecanol, 2-hexyl-		270	C18H38O	110225-00-8	90
3	Undecane		156	C11H24	001120-21-4	80
4	Decane, 1,1'-oxybis-		298	C20H42O	002456-28-2	80
5	Hydroxylamine, O-decyl-		173	C10H23NO	029812-79-1	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120720\
Data File : VD067896.D
Acq On : 07 Dec 2020 13:30
Operator : VA/SY
Sample : L4968-01
Misc : 6.14G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HSD-SOIL

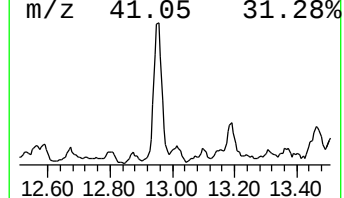
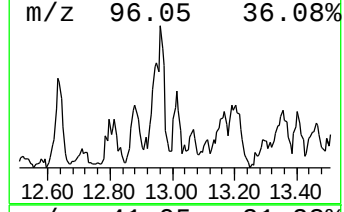
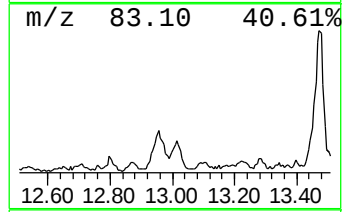
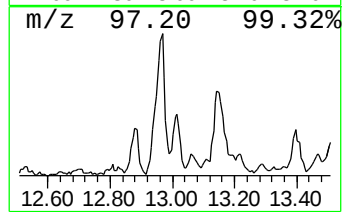
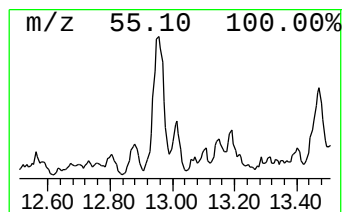
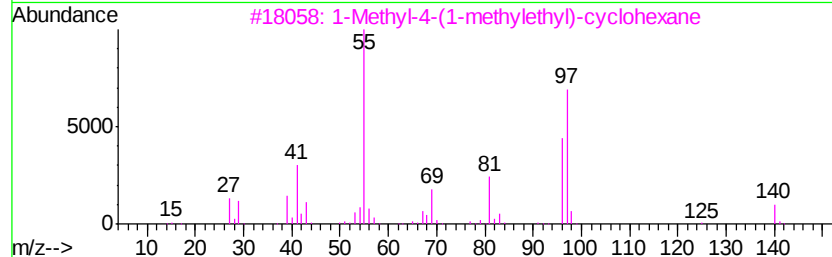
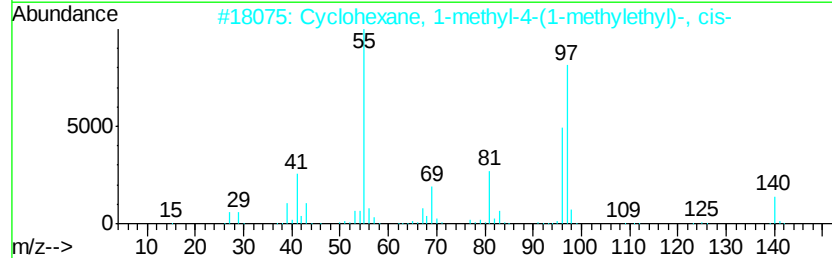
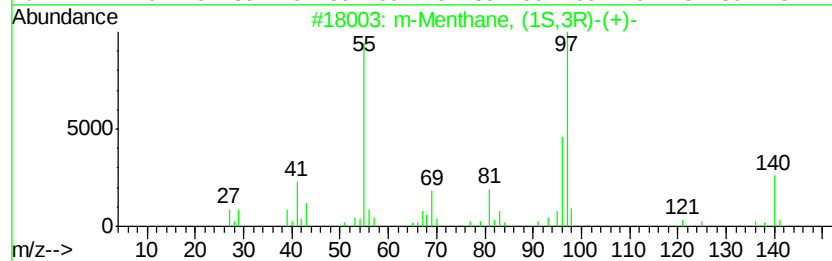
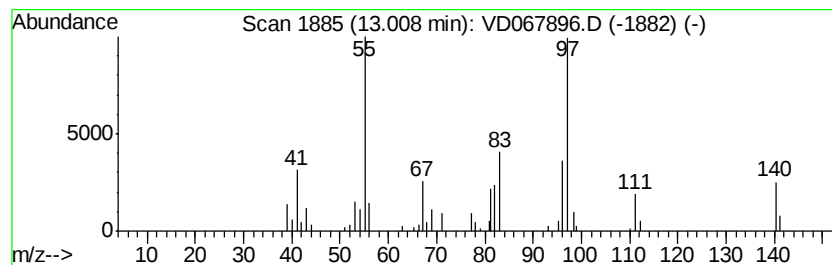
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Quant Title : SW846 8260

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

Peak Number 6 m-Menthane, (1S,3R)-(+)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	7.14 ug/l	142531	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	50
2		Cyclohexane, 1-methyl-4-(1-methyl-...	140	C10H20	006069-98-3	47
3		1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	47
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	43
5		Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120720\
Data File : VD067896.D
Acq On : 07 Dec 2020 13:30
Operator : VA/SY
Sample : L4968-01
Misc : 6.14G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

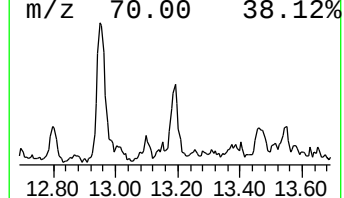
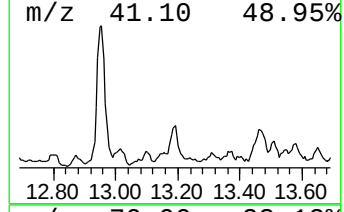
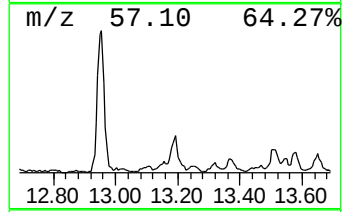
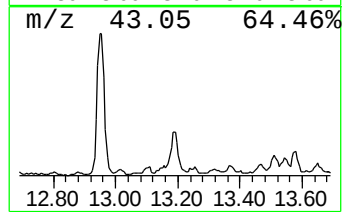
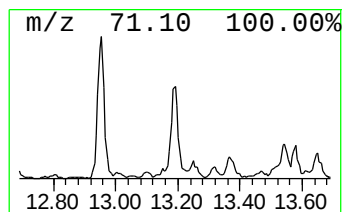
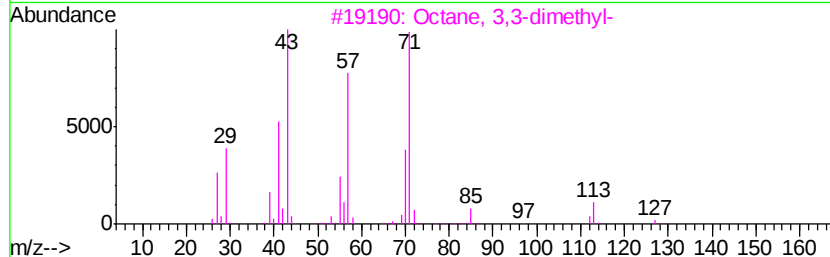
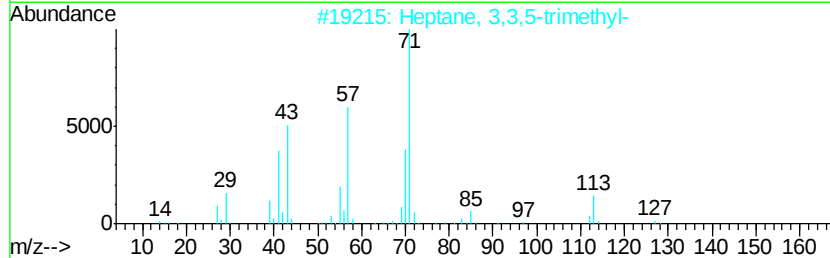
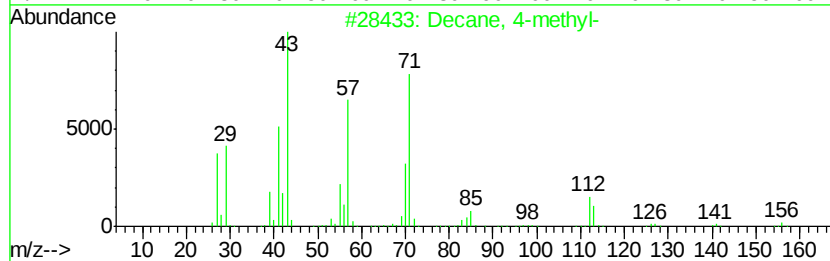
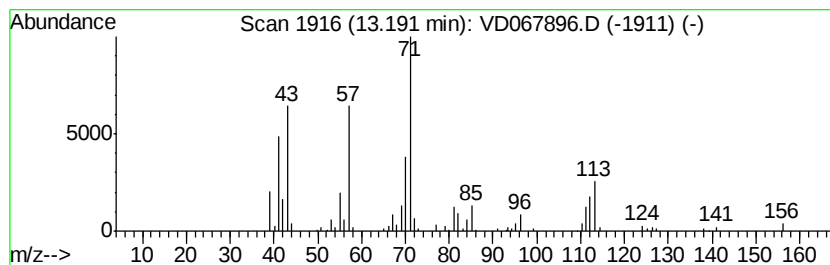
Instrument :
MSVOA_D
ClientSampleId :
HSD-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260

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

Peak Number 7 Decane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	12.83 ug/l	256074	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 4-methyl-	156 C11H24	002847-72-5	74
2	Heptane, 3,3,5-trimethyl-	142 C10H22	007154-80-5	64
3	Octane, 3,3-dimethyl-	142 C10H22	004110-44-5	64
4	Sulfurous acid, 2-pentyl undecyl...	306 C16H34O3S	1000309-16-0	50
5	Cyclohexanol, 1-methyl-4-(1-meth...	156 C10H20O	003901-93-7	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120720\
Data File : VD067896.D
Acq On : 07 Dec 2020 13:30
Operator : VA/SY
Sample : L4968-01
Misc : 6.14G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

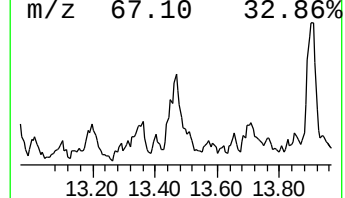
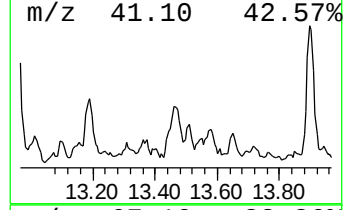
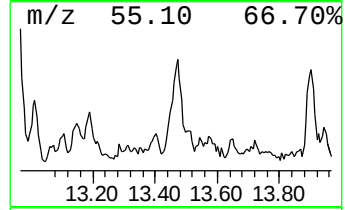
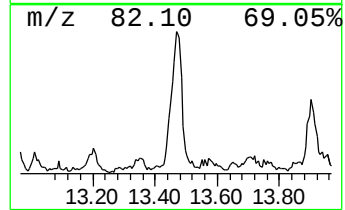
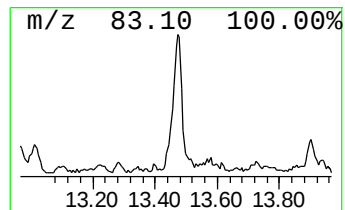
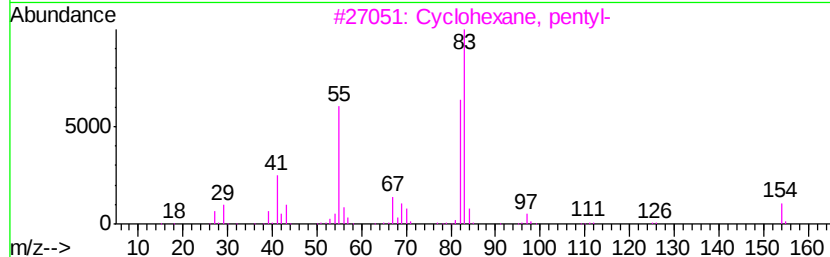
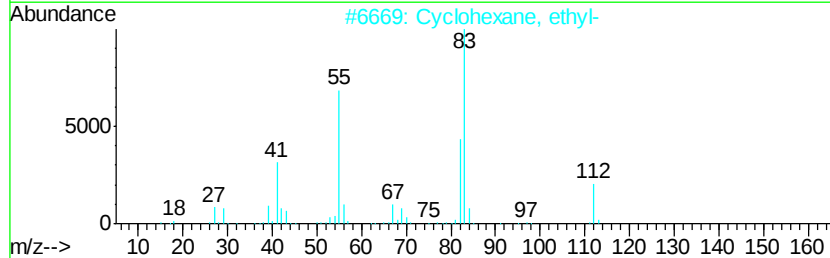
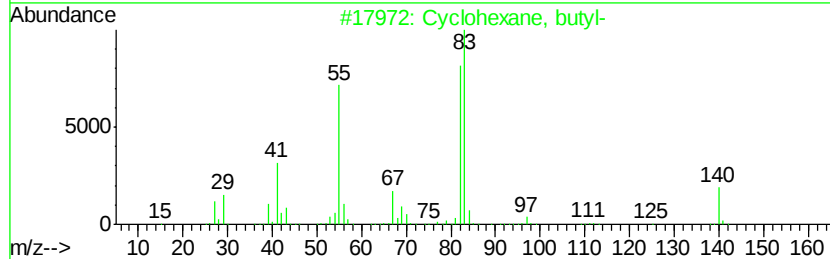
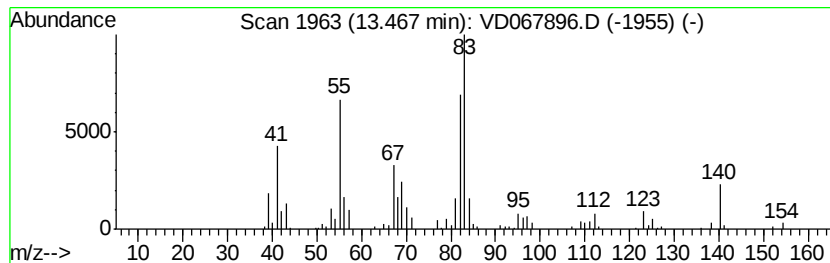
Instrument :
MSVOA_D
ClientSampleId :
HSD-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260

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

Peak Number 8 Cyclohexane, butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	20.15 ug/l	402104	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, butyl-	140 C10H20	001678-93-9 72
2		Cyclohexane, ethyl-	112 C8H16	001678-91-7 64
3		Cyclohexane, pentyl-	154 C11H22	004292-92-6 58
4		Cyclohexane, 2-propenyl-	124 C9H16	002114-42-3 53
5		2,4,6-Trimethyl-3-heptene	140 C10H20	1000113-56-9 47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120720\
Data File : VD067896.D
Acq On : 07 Dec 2020 13:30
Operator : VA/SY
Sample : L4968-01
Misc : 6.14G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

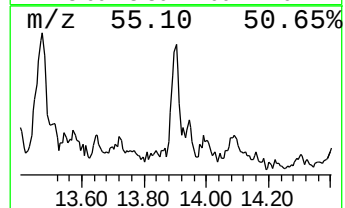
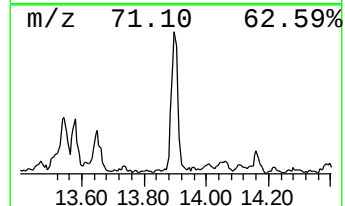
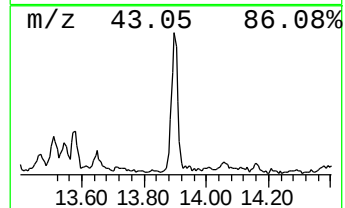
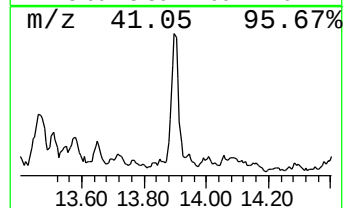
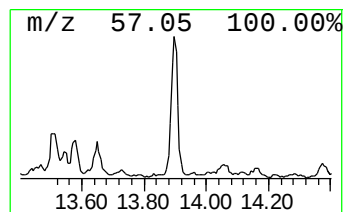
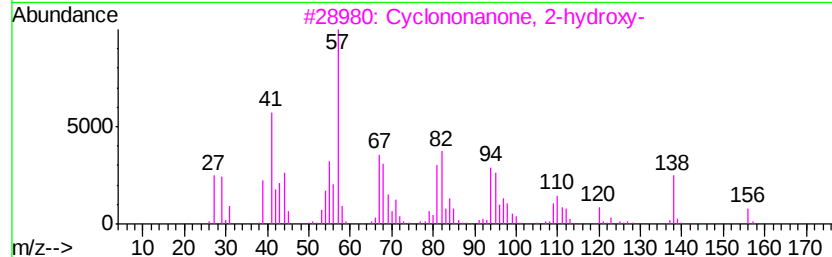
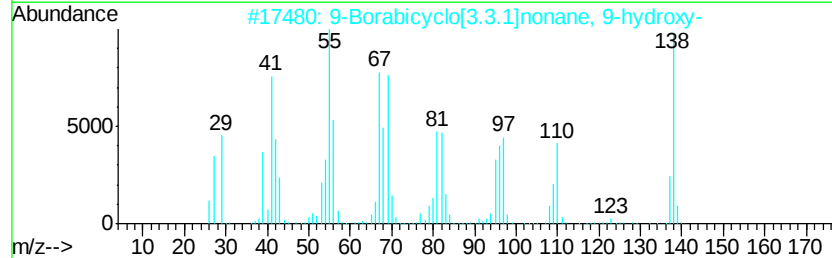
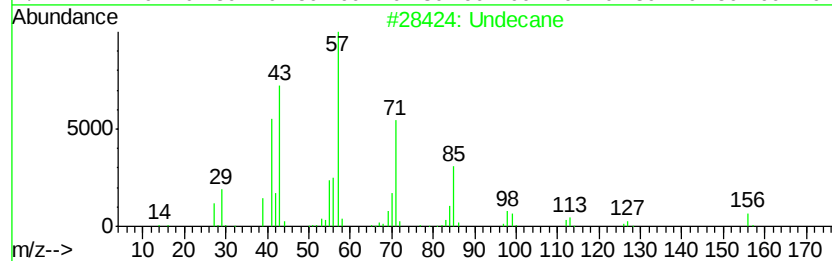
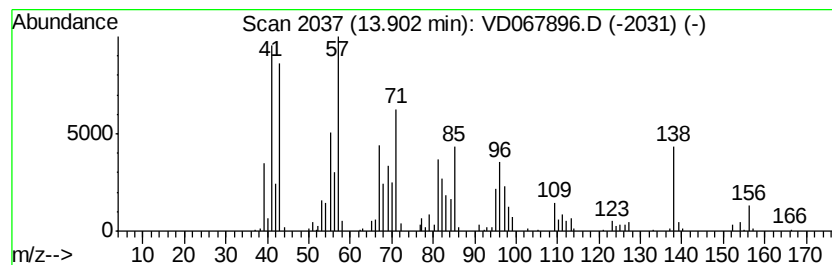
Instrument :
MSVOA_D
ClientSampleId :
HSD-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260

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

Peak Number 9 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	29.85 ug/l	595672	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane		156 C11H24	001120-21-4 80
2	9-Borabicyclo[3.3.1]nonane, 9-hy...		138 C8H15BO	063366-65-4 64
3	Cyclononanone, 2-hydroxy-		156 C9H16O2	000496-83-3 49
4	Citronellol		156 C10H20O	000106-22-9 38
5	1-Octadecanesulphonyl chloride		352 C18H37ClO2S	1000342-70-4 30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120720\
Data File : VD067896.D
Acq On : 07 Dec 2020 13:30
Operator : VA/SY
Sample : L4968-01
Misc : 6.14G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

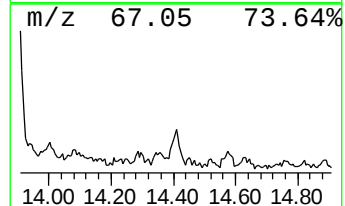
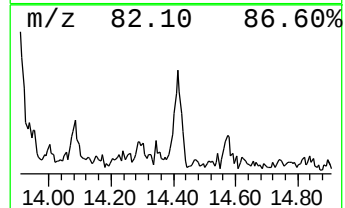
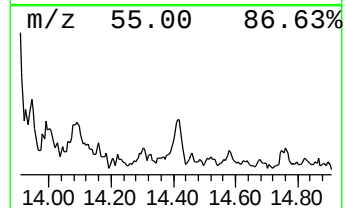
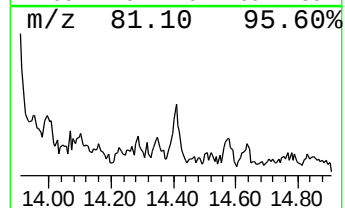
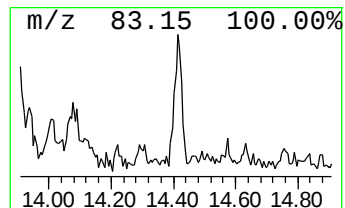
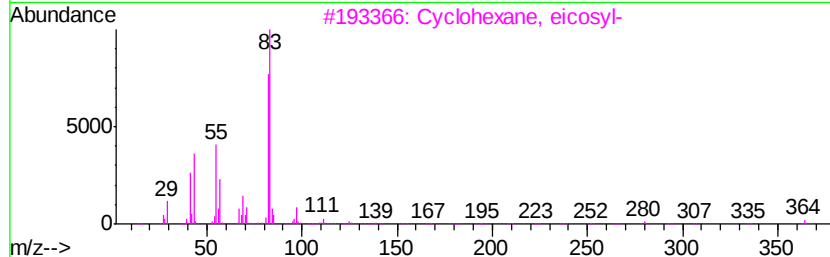
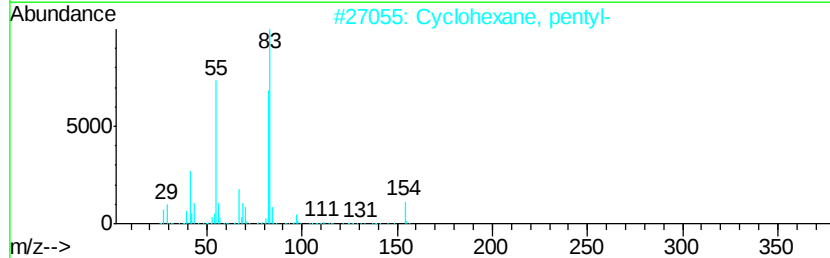
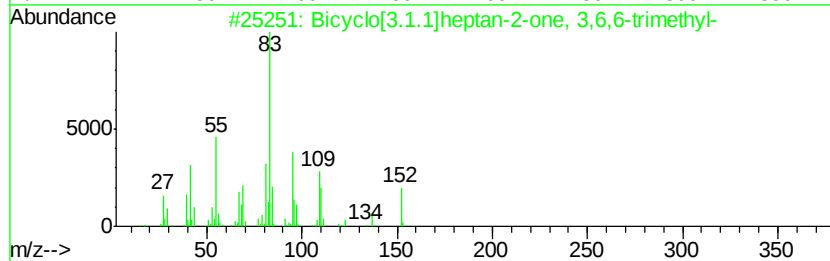
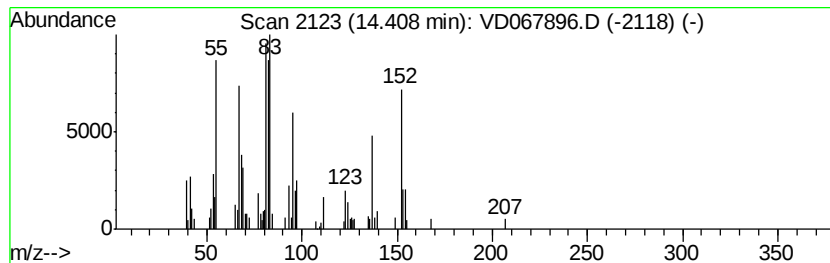
Instrument :
MSVOA_D
ClientSampled :
HSD-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260

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

Peak Number 10 Bicyclo[3.1.1]heptan-2-one,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.41	7.73 ug/l	154158	1,4-Dichlorobenzene-d4	13.58		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicvclo[3.1.1]heptan-2-one, 3,6,...	152	C10H16O	016022-08-5	50
2		Cvclohexane, pentyl-	154	C11H22	004292-92-6	46
3		Cvclohexane, eicosyl-	364	C26H52	004443-55-4	43
4		Cvclohexane, 2-propenyl-	124	C9H16	002114-42-3	43
5		Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD120720\
Data File : VD067896.D
Acq On : 07 Dec 2020 13:30
Operator : VA/SY
Sample : L4968-01
Misc : 6.14G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HSD-SOIL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.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
Nonane	11.86	20.2	ug/l	322497	3	11.65	799544	50.0
Cyclohexane, 1-et...	12.16	13.2	ug/l	211015	3	11.65	799544	50.0
Octane, 2,6-dimet...	12.27	6.6	ug/l	105529	3	11.65	799544	50.0
Cycloheptanone, 2...	12.40	15.9	ug/l	254958	3	11.65	799544	50.0
Decane	12.96	47.1	ug/l	940466	4	13.58	997674	50.0
m-Menthane, (1S,3...	13.01	7.1	ug/l	142531	4	13.58	997674	50.0
Decane, 4-methyl-	13.19	12.8	ug/l	256074	4	13.58	997674	50.0
Cyclohexane, butyl-	13.47	20.1	ug/l	402104	4	13.58	997674	50.0
Undecane	13.90	29.9	ug/l	595672	4	13.58	997674	50.0
Bicyclo[3.1.1]hep...	14.41	7.7	ug/l	154158	4	13.58	997674	50.0