

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092420\
 Data File : VD066856.D
 Acq On : 24 Sep 2020 17:33
 Operator : VA/SY
 Sample : L4127-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-3(9-11)

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	4.409	414	423	434	rVB	12505	36295	1.64%	0.195%
2	4.956	508	516	517	rBV2	21526	34589	1.57%	0.186%
3	7.191	887	896	909	rBV2	27415	80839	3.66%	0.435%
4	7.914	1006	1019	1024	rBV	310939	754118	34.12%	4.054%
5	7.979	1024	1030	1042	rVB	519392	1177460	53.28%	6.330%
6	8.332	1075	1090	1100	rBV	271086	638658	28.90%	3.434%
7	8.861	1170	1180	1195	rBV	794689	1587237	71.82%	8.533%
8	10.338	1422	1431	1439	rBV	1250860	2209953	100.00%	11.881%
9	10.720	1491	1496	1502	rVB2	23077	41215	1.86%	0.222%
10	11.085	1552	1558	1564	rVB4	16670	26934	1.22%	0.145%
11	11.644	1644	1653	1665	rBV	1205944	2072221	93.77%	11.141%
12	12.385	1775	1779	1786	rVB7	11447	25612	1.16%	0.138%
13	12.479	1790	1795	1801	rBV6	11004	25497	1.15%	0.137%
14	12.632	1814	1821	1830	rVB	953402	1577845	71.40%	8.483%
15	12.797	1844	1849	1856	rVB9	26591	51172	2.32%	0.275%
16	12.879	1856	1863	1865	rBV6	18616	33212	1.50%	0.179%
17	12.949	1869	1875	1882	rVV7	74566	173530	7.85%	0.933%
18	13.014	1882	1886	1890	rVB5	23178	40885	1.85%	0.220%
19	13.097	1896	1900	1904	rBV6	23387	36074	1.63%	0.194%
20	13.144	1904	1908	1911	rBV6	17317	32166	1.46%	0.173%
21	13.185	1911	1915	1921	rVB3	76345	115675	5.23%	0.622%
22	13.314	1934	1937	1942	rBV6	18130	27830	1.26%	0.150%
23	13.361	1942	1945	1948	rBV4	19991	26328	1.19%	0.142%
24	13.467	1955	1963	1966	rBV8	54612	119394	5.40%	0.642%
25	13.502	1966	1969	1974	rVV6	33596	53822	2.44%	0.289%
26	13.579	1974	1982	1990	rVB	1269477	2152916	97.42%	11.574%
27	13.720	2000	2006	2009	rBV6	36911	65265	2.95%	0.351%
28	13.767	2011	2014	2019	rVV6	15943	25840	1.17%	0.139%
29	13.896	2030	2036	2041	rBV	332107	561380	25.40%	3.018%
30	13.944	2041	2044	2049	rVB2	62740	92034	4.16%	0.495%
31	14.008	2051	2055	2059	rBV4	52478	90630	4.10%	0.487%
32	14.220	2087	2091	2096	rBV8	49771	93860	4.25%	0.505%
33	14.285	2098	2102	2108	rBV7	84161	150243	6.80%	0.808%
34	14.349	2110	2113	2116	rBV5	32922	45035	2.04%	0.242%

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Instrument :
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ClientSampleId :
B-3(9-11)

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

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Title : SW846 8260

35	14.408	2118	2123	2129	rBV5	215180	413882	18.73%	2.225%
36	14.526	2139	2143	2144	rBV4	40973	52615	2.38%	0.283%
37	14.573	2146	2151	2156	rVV3	219376	436169	19.74%	2.345%
38	14.626	2158	2160	2167	rVB9	78959	102140	4.62%	0.549%
39	14.755	2177	2182	2188	rBV2	175284	302002	13.67%	1.624%
40	14.832	2189	2195	2198	rVV5	145951	288686	13.06%	1.552%
41	14.879	2199	2203	2209	rVB3	221358	396806	17.96%	2.133%
42	15.155	2247	2250	2254	rBV6	56523	95926	4.34%	0.516%
43	15.373	2282	2287	2289	rBV	181495	307140	13.90%	1.651%
44	15.402	2289	2292	2298	rVB	296023	500808	22.66%	2.692%
45	15.602	2323	2326	2335	rVB6	107025	219128	9.92%	1.178%
46	15.685	2336	2340	2342	rBV4	44493	67807	3.07%	0.365%
47	15.785	2353	2357	2362	rVB7	80961	151462	6.85%	0.814%
48	16.226	2429	2432	2442	rVB7	65177	121648	5.50%	0.654%
49	16.502	2474	2479	2485	rBV	144551	297611	13.47%	1.600%
50	16.708	2506	2514	2527	rVB	201340	571082	25.84%	3.070%

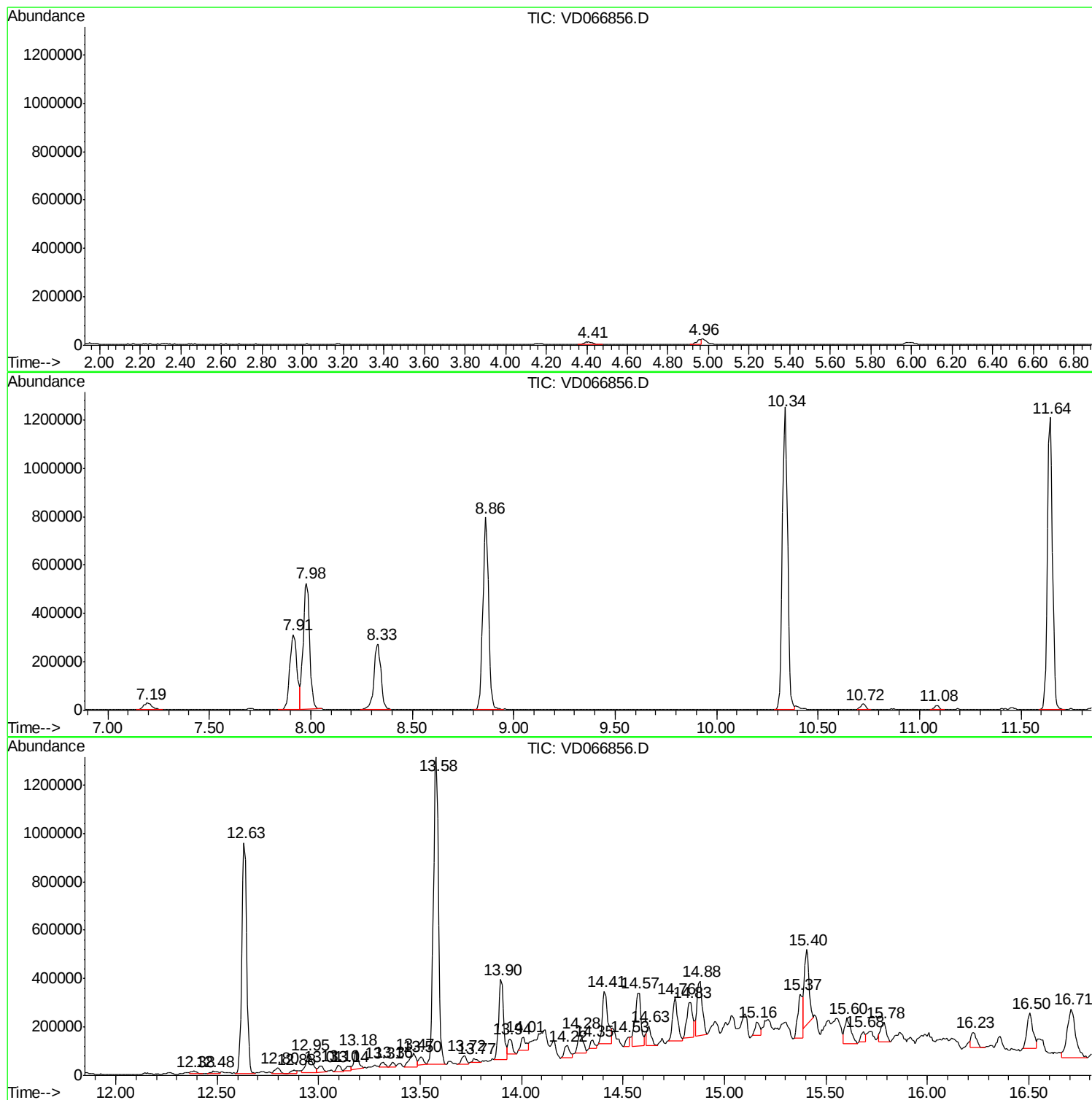
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Instrument :
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ClientSampleId :
B-3(9-11)

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



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Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

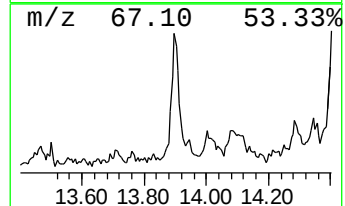
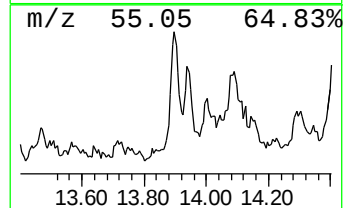
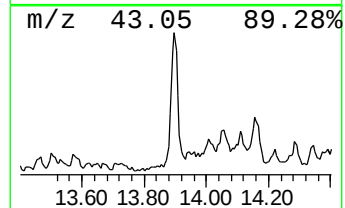
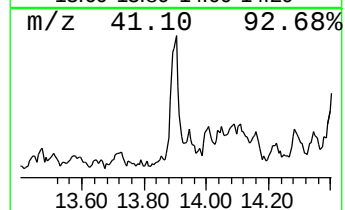
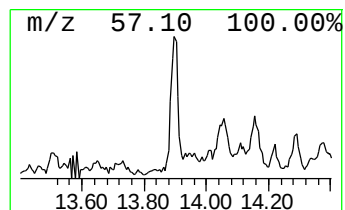
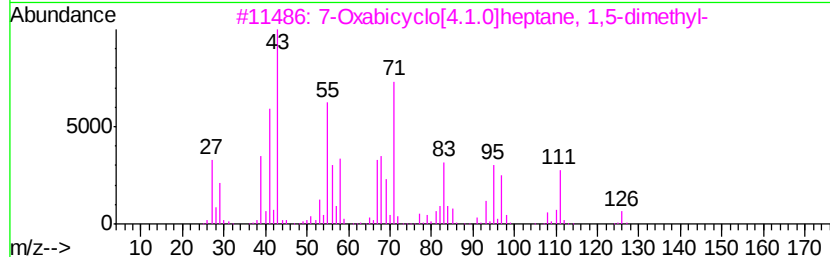
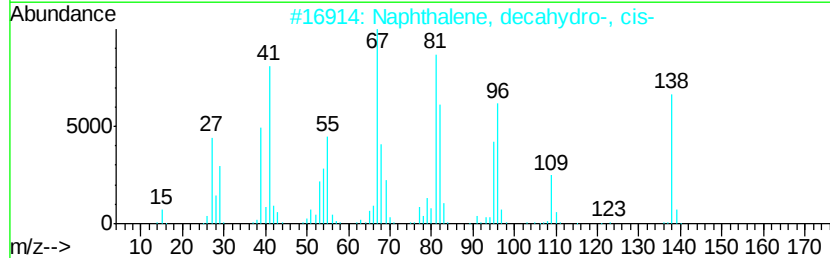
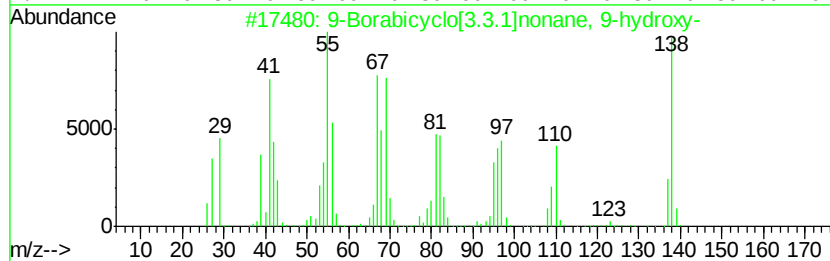
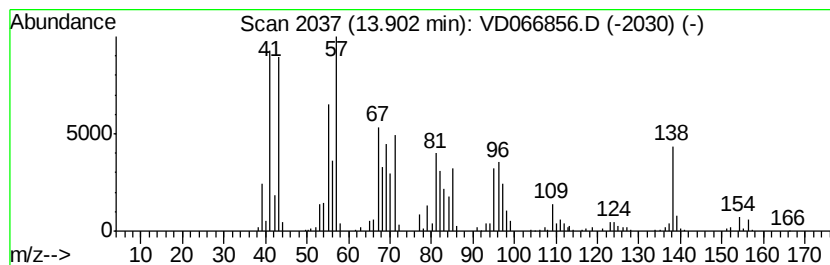
Instrument :
MSVOA_D
ClientSampleId :
B-3(9-11)

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 1 9-Borabicyclo[3.3.1]nonane,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.90	13.04 ug/l	561380	1,4-Dichlorobenzene-d4	13.58	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	78
2	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	42
3	7-Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	38
4	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	30
5	Undecane	156	C11H24	001120-21-4	30



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Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

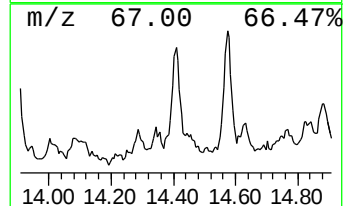
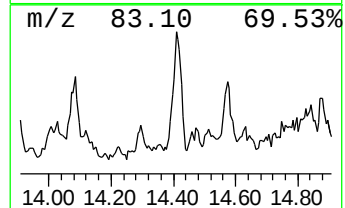
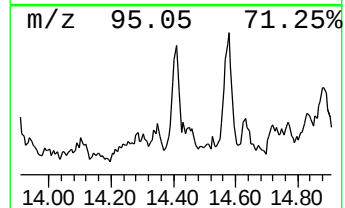
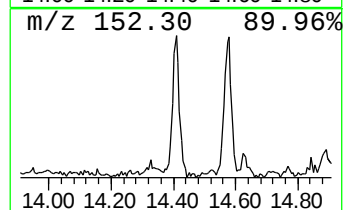
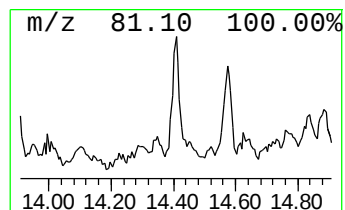
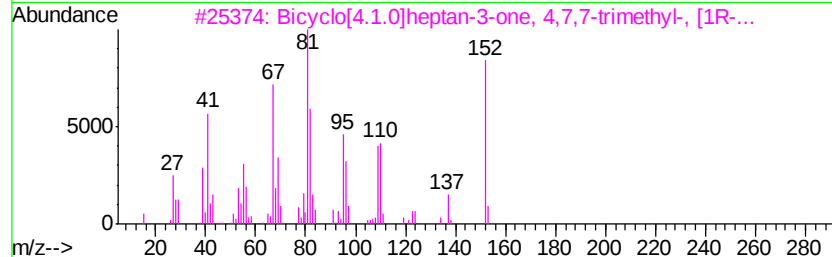
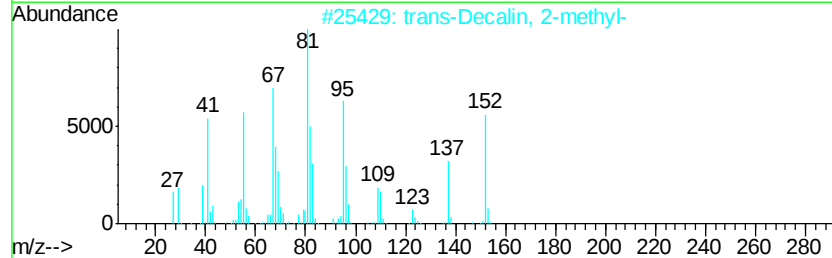
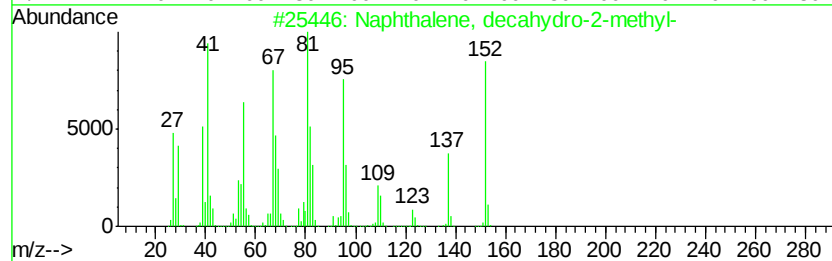
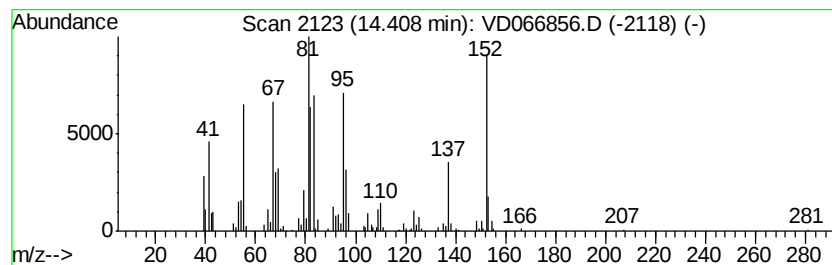
Instrument :
MSVOA_D
ClientSampled :
B-3(9-11)

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 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	9.61 ug/l	413882	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 93
2		trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3 91
3		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152 C10H16O	004176-04-9 87
4		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152 C10H16O	004176-01-6 80
5		Cyclohexanone, 5-methyl-2-(1-met...	152 C10H16O	015932-80-6 68



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Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

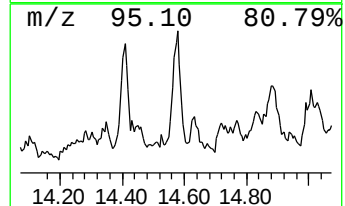
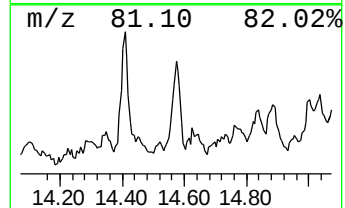
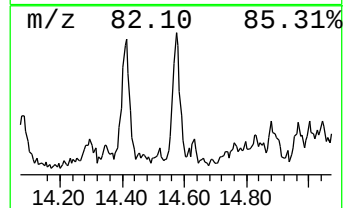
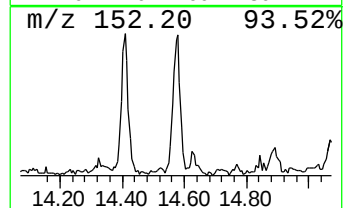
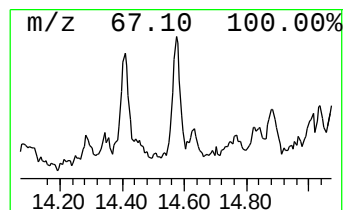
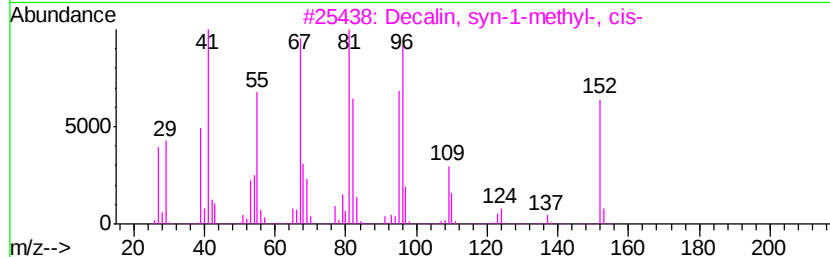
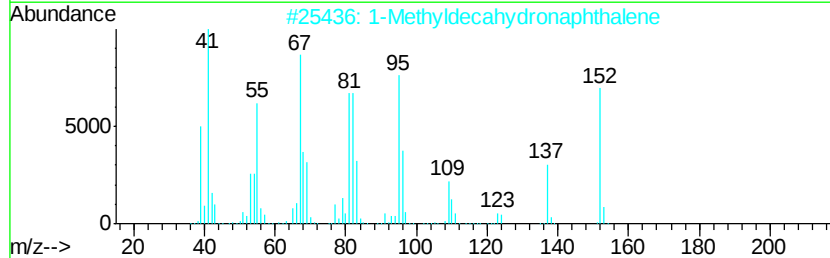
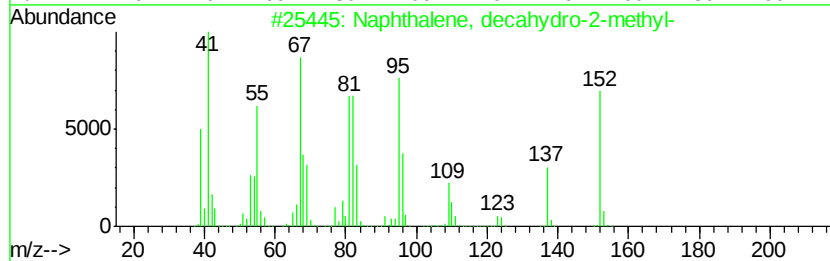
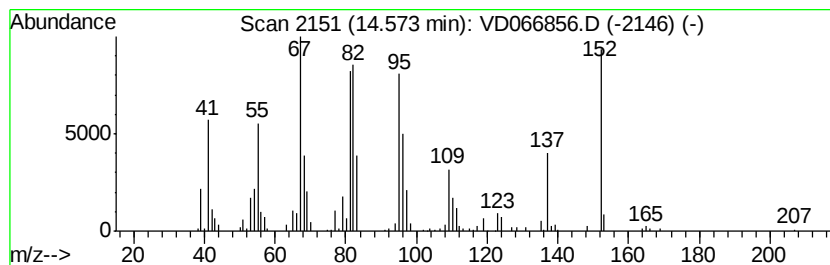
Instrument :
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ClientSampleId :
B-3(9-11)

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Quant Title : SW846 8260

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

Peak Number 3 1-Methyldecahydronaphthalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	10.13 ug/l	436169	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 97
2		1-Methyldecahydronaphthalene	152 C11H20	002958-75-0 97
3		Decalin, syn-1-methyl-, cis-	152 C11H20	1000158-89-1 70
4		trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3 58
5		5-Eicosyne	278 C20H38	074685-31-7 52



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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-3(9-11)

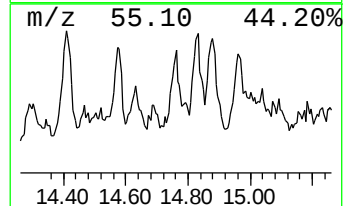
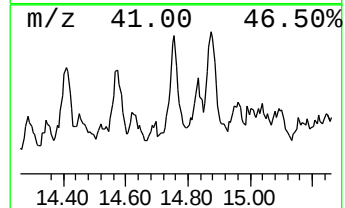
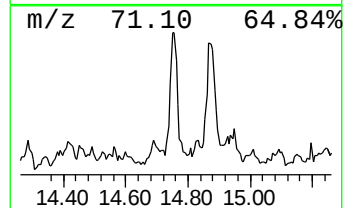
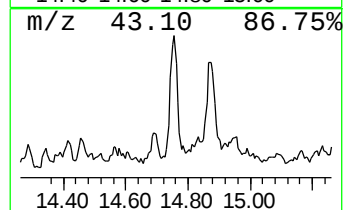
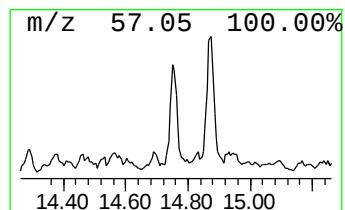
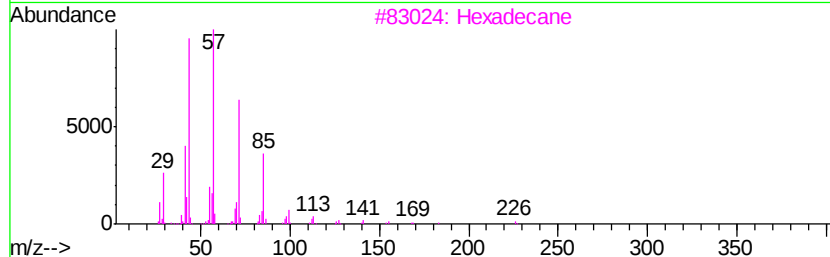
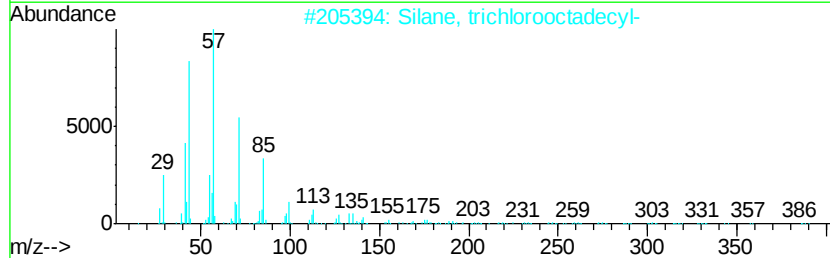
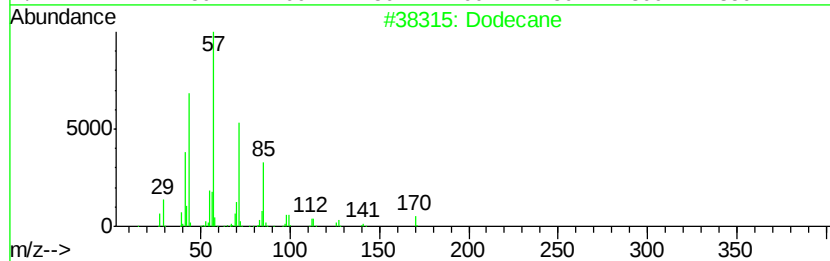
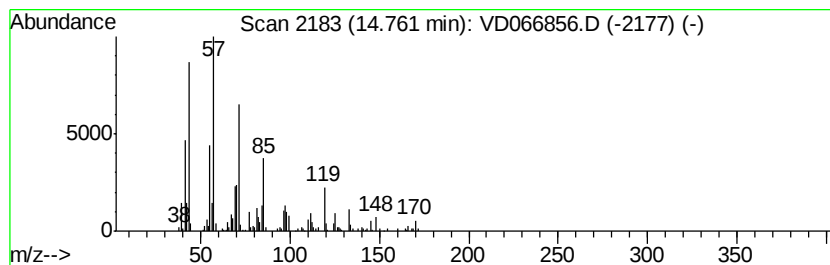
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260

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

Peak Number 4 Dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	7.01 ug/l	302002	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	89
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64
3		Hexadecane	226	C16H34	000544-76-3	58
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	58
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	58



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B-3(9-11)

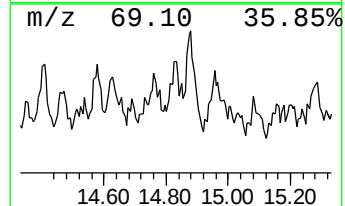
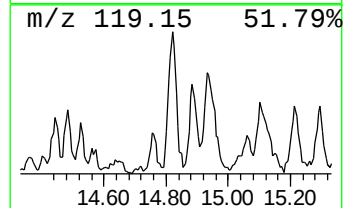
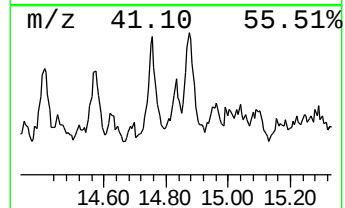
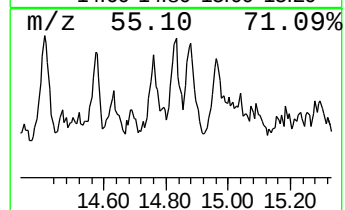
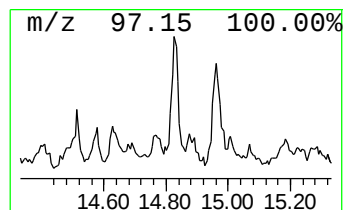
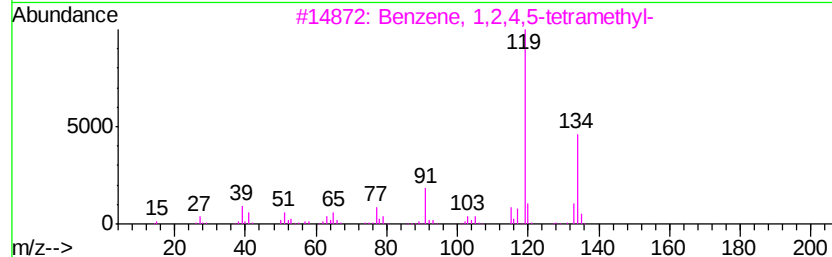
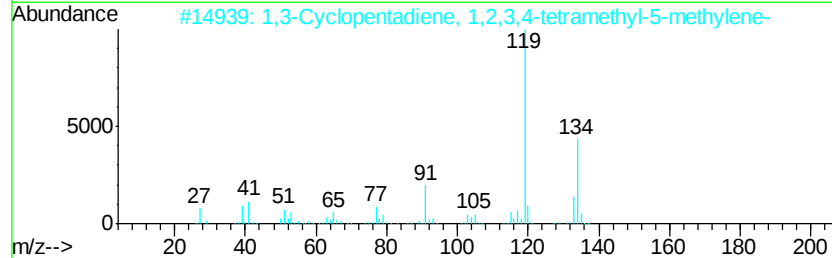
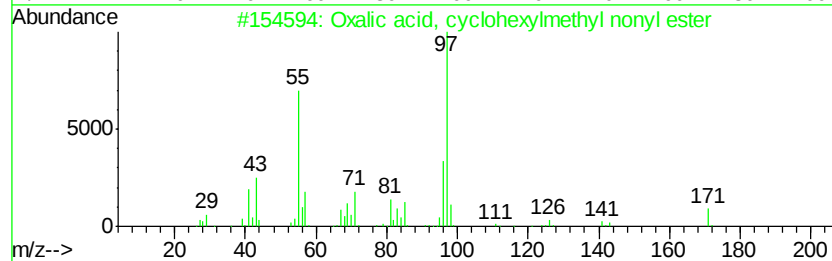
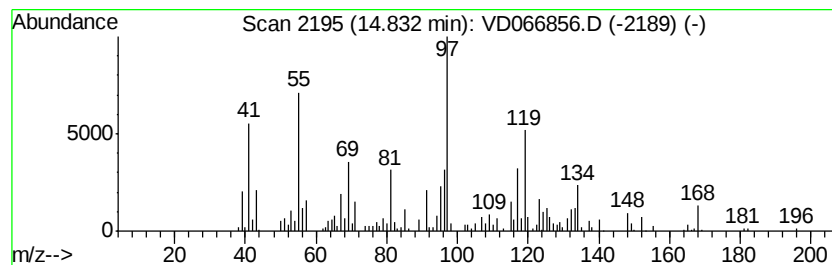
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Quant Title : SW846 8260

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

Peak Number 5 unknown14.83 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	6.70 ug/l	288686	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	27
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	18
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	14
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	11
5		4'-Methylpropiophenone	148	C10H12O	005337-93-9	11



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092420\
Data File : VD066856.D
Acq On : 24 Sep 2020 17:33
Operator : VA/SY
Sample : L4127-01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-3(9-11)

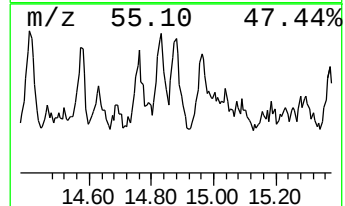
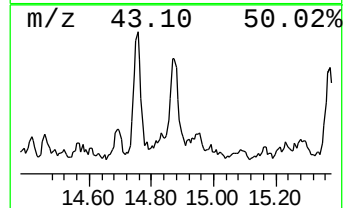
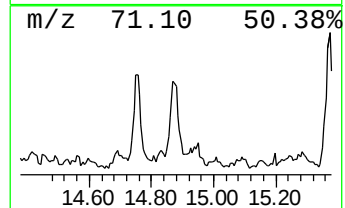
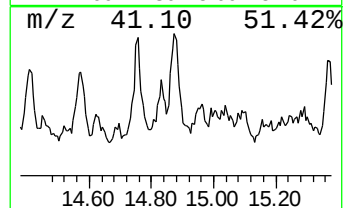
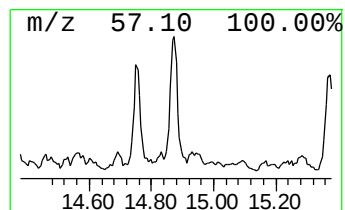
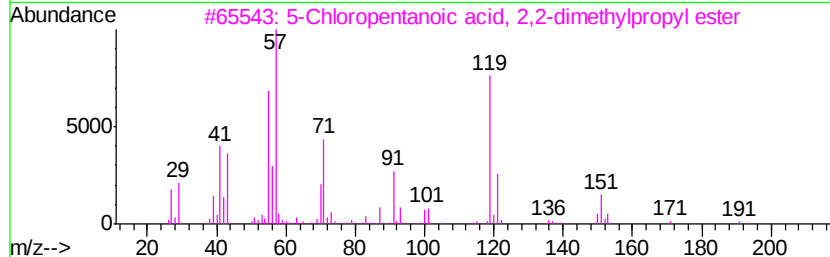
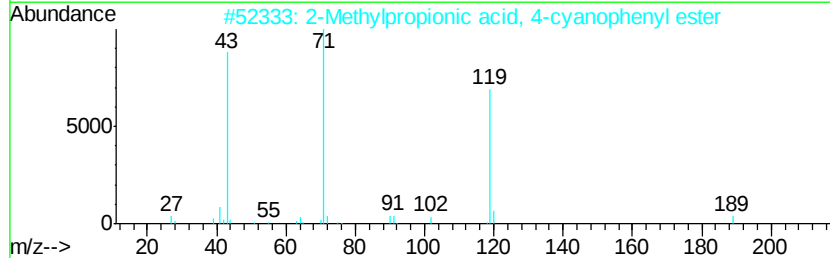
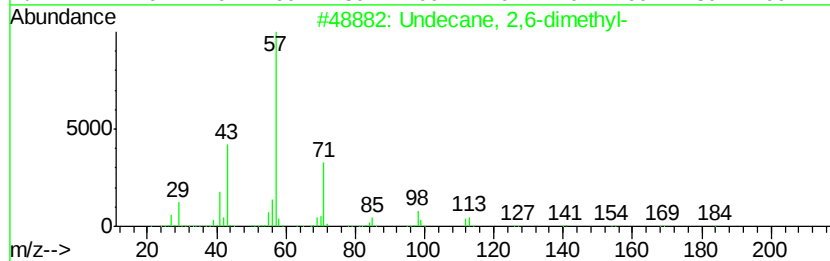
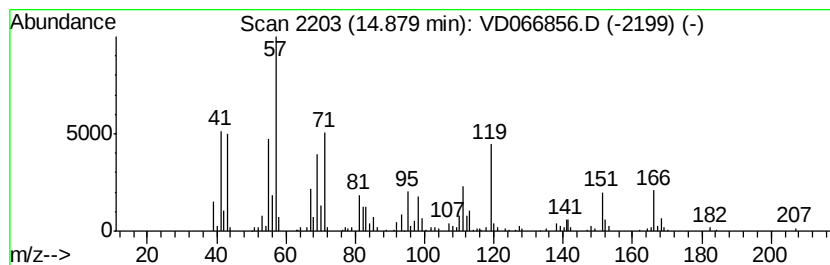
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.88 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	9.22 ug/l	396806	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	25
2	2-Methylpropionic acid, 4-cyanop...		189	C11H11NO2	1000308-01-8	22
3	5-Chloropentanoic acid, 2,2-dime...		206	C10H19ClO2	1000293-48-5	14
4	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	11
5	2-Nonen-1-ol, (E)-		142	C9H18O	031502-14-4	11



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092420\
Data File : VD066856.D
Acq On : 24 Sep 2020 17:33
Operator : VA/SY
Sample : L4127-01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

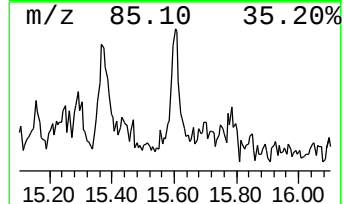
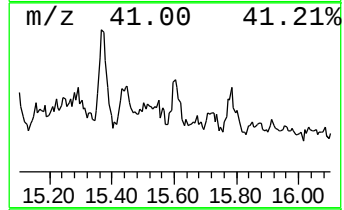
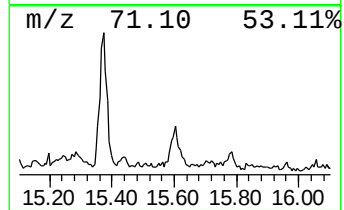
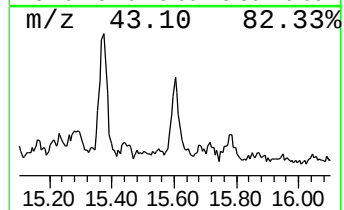
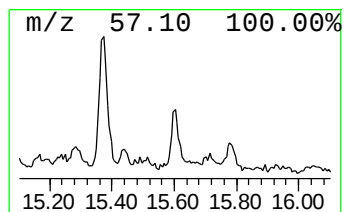
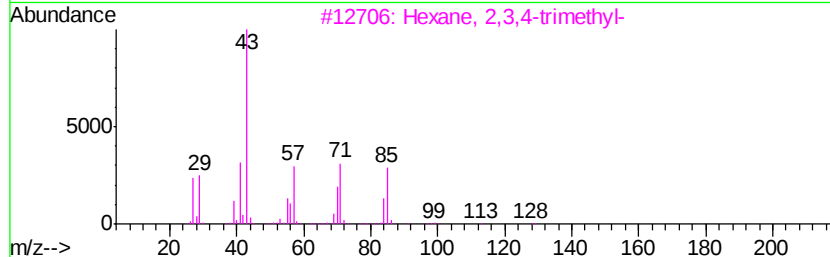
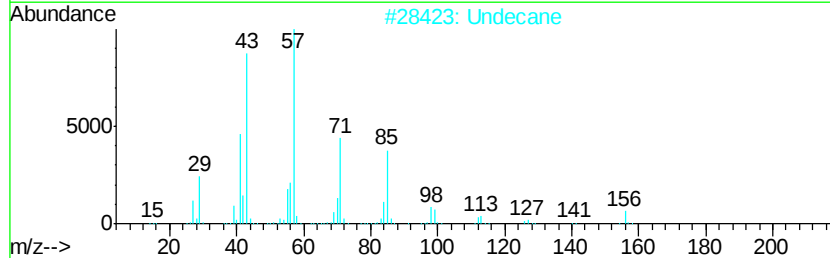
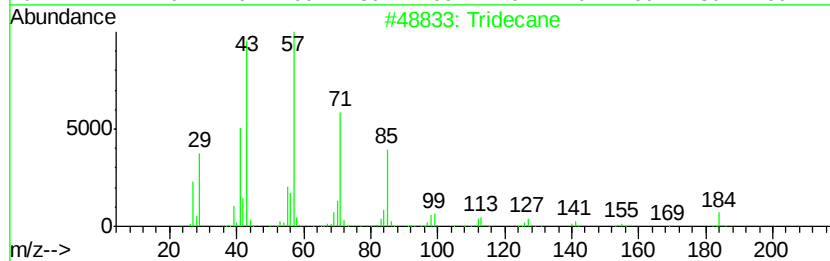
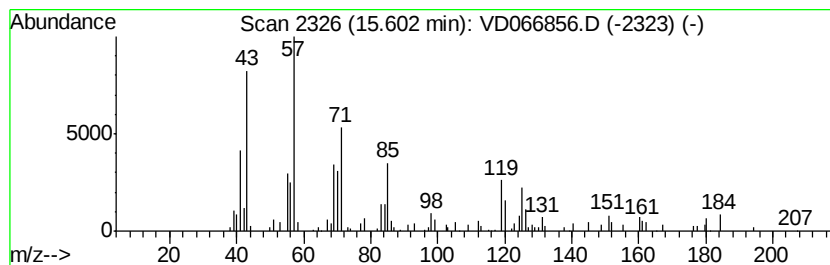
Instrument :
MSVOA_D
ClientSampleId :
B-3(9-11)

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 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	5.09 ug/l	219128	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	55
2	Undecane	156 C11H24	001120-21-4	43
3	Hexane, 2,3,4-trimethyl-	128 C9H20	000921-47-1	43
4	Undecane, 4,8-dimethyl-	184 C13H28	017301-33-6	38
5	Decane, 2,3,6-trimethyl-	184 C13H28	062238-12-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092420\
Data File : VD066856.D
Acq On : 24 Sep 2020 17:33
Operator : VA/SY
Sample : L4127-01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-3(9-11)

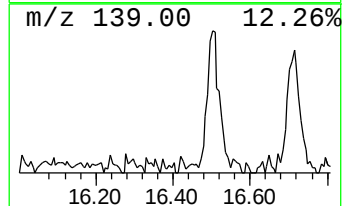
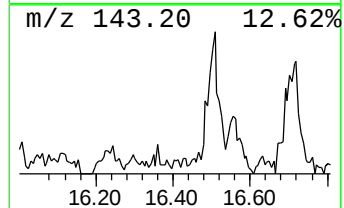
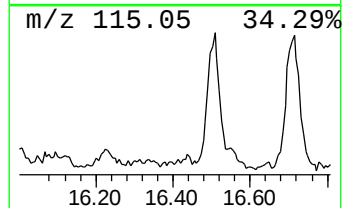
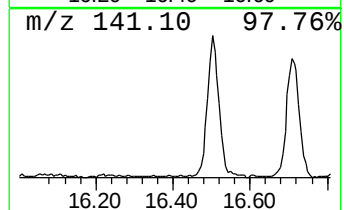
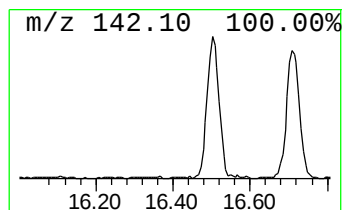
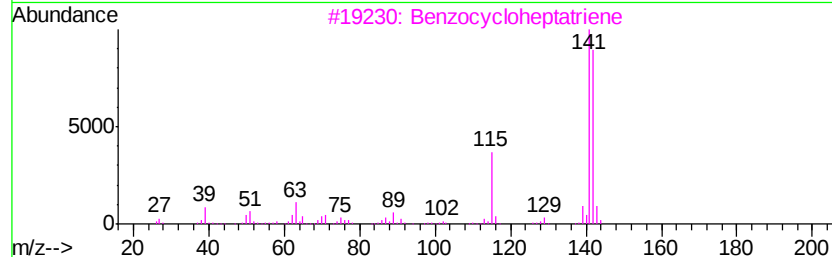
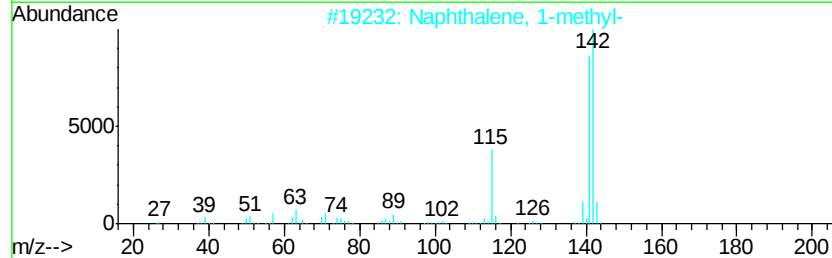
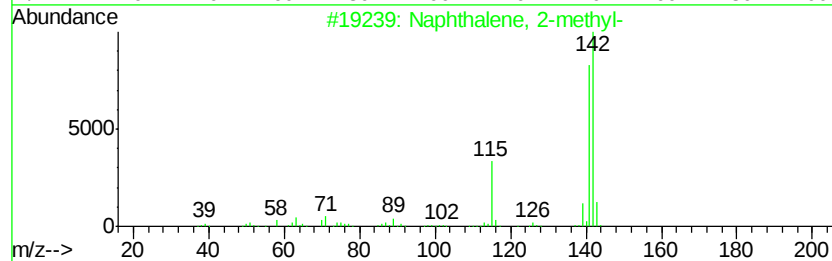
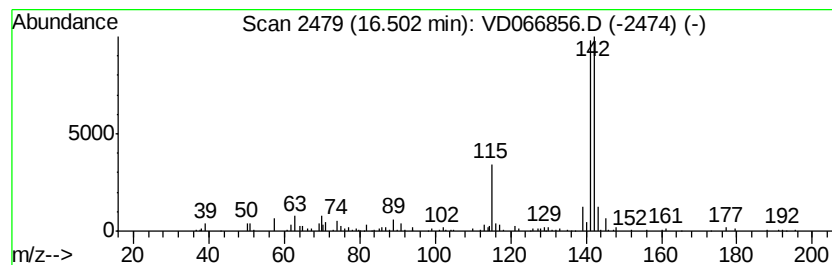
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Quant Title : SW846 8260

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

Peak Number 8 Benzocycloheptatriene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	6.91 ug/l	297611	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3		Benzocycloheptatriene	142	C11H10	000264-09-5	94
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092420\
Data File : VD066856.D
Acq On : 24 Sep 2020 17:33
Operator : VA/SY
Sample : L4127-01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-3(9-11)

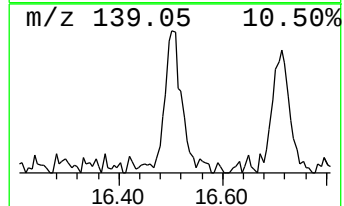
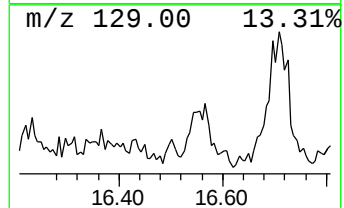
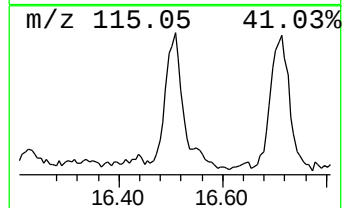
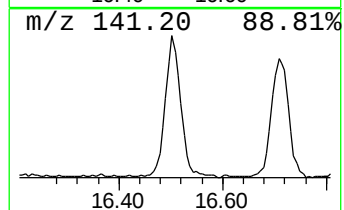
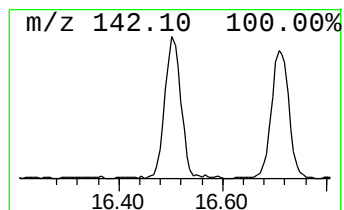
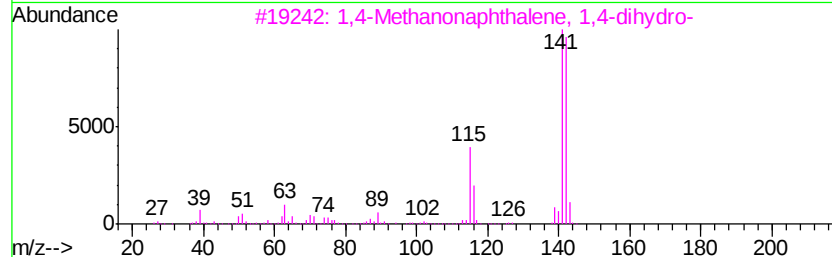
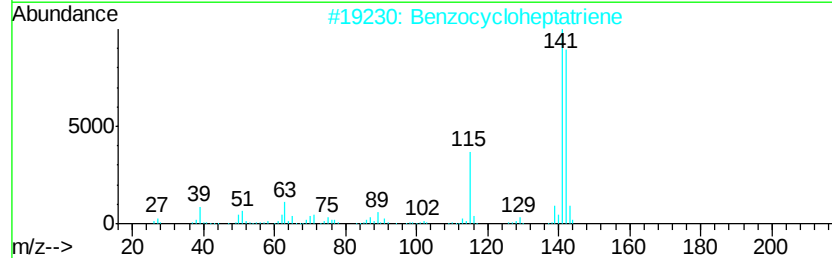
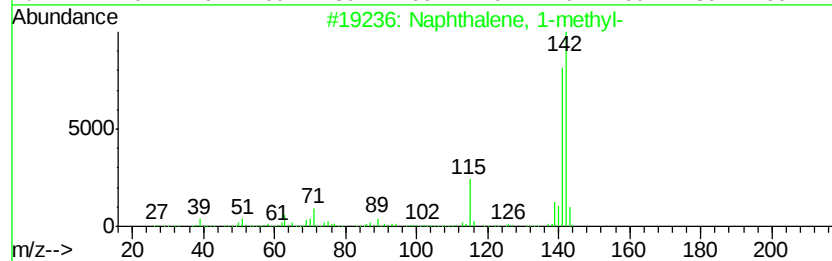
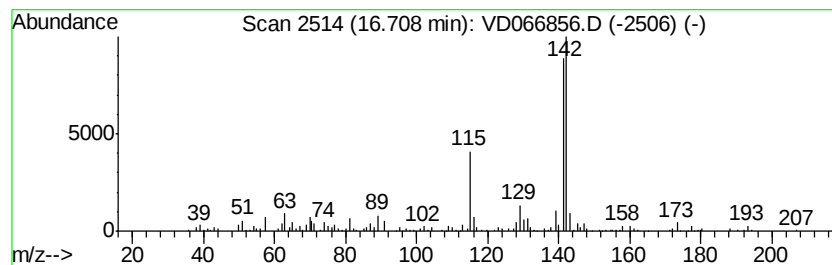
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	13.26 ug/l	571082	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
2		Benzocycloheptatriene	142	C11H10	000264-09-5	87
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	87
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	81
5		1-Naphthaleneacetamide	185	C12H11NO	000086-86-2	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092420\
Data File : VD066856.D
Acq On : 24 Sep 2020 17:33
Operator : VA/SY
Sample : L4127-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-3(9-11)

Quant Method : Z:\VOASRV\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
9-Borabicyclo[3.3...	13.90	13.0	ug/l	561380	4	13.58	2152920	50.0
Naphthalene, deca...	14.41	9.6	ug/l	413882	4	13.58	2152920	50.0
1-Methyldecahydro...	14.57	10.1	ug/l	436169	4	13.58	2152920	50.0
Dodecane	14.76	7.0	ug/l	302002	4	13.58	2152920	50.0
unknown14.83	14.83	6.7	ug/l	288686	4	13.58	2152920	50.0
unknown14.88	14.88	9.2	ug/l	396806	4	13.58	2152920	50.0
Tridecane	15.60	5.1	ug/l	219128	4	13.58	2152920	50.0
Benzocycloheptatr...	16.50	6.9	ug/l	297611	4	13.58	2152920	50.0
Naphthalene, 1-me...	16.71	13.3	ug/l	571082	4	13.58	2152920	50.0