

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066300.D
 Acq On : 19 Aug 2020 03:35
 Operator : VA/SY
 Sample : L3681-01
 Misc : 6.11G/5.00ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6-4-9FT

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\82D080520S.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	4.950	509	515	517	rBV3	10343	17022	2.71%	0.394%
2	4.968	517	518	527	rVB3	13276	18609	2.96%	0.430%
3	5.473	592	604	617	rBV3	24002	80118	12.76%	1.853%
4	5.991	684	692	701	rVB6	4975	13813	2.20%	0.319%
5	7.914	1009	1019	1023	rBV2	104734	254346	40.51%	5.881%
6	7.973	1023	1029	1040	rVB	213295	484597	77.19%	11.205%
7	8.326	1080	1089	1100	rVB	91924	201856	32.15%	4.668%
8	8.856	1170	1179	1189	rBV	257795	526729	83.90%	12.180%
9	9.344	1255	1262	1267	rBV5	3330	6526	1.04%	0.151%
10	10.338	1423	1431	1444	rBV	342895	627787	100.00%	14.516%
11	10.673	1483	1488	1493	rBV4	3416	7148	1.14%	0.165%
12	10.720	1493	1496	1501	rVV2	4238	6659	1.06%	0.154%
13	11.238	1579	1584	1590	rBV5	8664	14586	2.32%	0.337%
14	11.532	1626	1634	1638	rBV5	4815	10291	1.64%	0.238%
15	11.644	1645	1653	1661	rBV	271287	474664	75.61%	10.976%
16	11.891	1690	1695	1699	rBV6	7400	15805	2.52%	0.365%
17	11.920	1699	1700	1707	rVB5	6641	8789	1.40%	0.203%
18	12.144	1730	1738	1739	rBV5	9659	14144	2.25%	0.327%
19	12.267	1757	1759	1763	rVB4	6038	7504	1.20%	0.174%
20	12.355	1770	1774	1776	rBV4	6122	7928	1.26%	0.183%
21	12.632	1815	1821	1829	rBV	184548	301999	48.11%	6.983%
22	12.720	1829	1836	1839	rBV6	6030	13772	2.19%	0.318%
23	12.797	1843	1849	1857	rVB6	18563	38430	6.12%	0.889%
24	12.873	1857	1862	1863	rBV2	5826	8731	1.39%	0.202%
25	12.961	1870	1877	1881	rBV7	11963	25557	4.07%	0.591%
26	13.102	1896	1901	1904	rVB7	8272	13371	2.13%	0.309%
27	13.185	1910	1915	1920	rBV5	10309	19625	3.13%	0.454%
28	13.402	1947	1952	1957	rBV8	6003	10860	1.73%	0.251%
29	13.467	1957	1963	1966	rVV7	11800	21990	3.50%	0.508%
30	13.508	1968	1970	1974	rVV3	8125	10958	1.75%	0.253%
31	13.579	1974	1982	1991	rVB	147640	257591	41.03%	5.956%
32	13.726	2000	2007	2010	rBV8	10111	18139	2.89%	0.419%
33	13.838	2022	2026	2029	rBV6	5297	8521	1.36%	0.197%
34	13.902	2031	2037	2041	rVV6	30710	56694	9.03%	1.311%

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35	13.944	2043	2044	2049	rVB5	8694	7309	1.16%	0.169%
36	14.002	2049	2054	2055	rBV4	8256	11528	1.84%	0.267%
37	14.108	2066	2072	2077	rVB7	22210	45723	7.28%	1.057%
38	14.220	2086	2091	2097	rBV9	9426	18305	2.92%	0.423%
39	14.285	2099	2102	2109	rVB8	13589	23740	3.78%	0.549%
40	14.344	2109	2112	2115	rBV5	6141	8951	1.43%	0.207%
41	14.414	2119	2124	2127	rBV6	19934	40472	6.45%	0.936%
42	14.579	2139	2152	2156	rBV6	26227	78722	12.54%	1.820%
43	14.761	2181	2183	2188	rVB6	8082	10565	1.68%	0.244%
44	14.820	2189	2193	2199	rVV5	18763	41769	6.65%	0.966%
45	14.879	2199	2203	2210	rVB6	18879	39558	6.30%	0.915%
46	15.032	2227	2229	2234	rVB4	8468	11508	1.83%	0.266%
47	15.102	2237	2241	2245	rVB5	22013	33058	5.27%	0.764%
48	15.155	2245	2250	2255	rBV8	9883	21402	3.41%	0.495%
49	15.208	2255	2259	2264	rVV6	17144	32764	5.22%	0.758%
50	15.373	2282	2287	2292	rVB6	18562	28122	4.48%	0.650%
51	15.455	2297	2301	2305	rBV7	8253	12820	2.04%	0.296%
52	15.555	2314	2318	2324	rVB3	35722	66482	10.59%	1.537%
53	15.696	2337	2342	2343	rBV5	16785	19805	3.15%	0.458%
54	15.785	2354	2357	2362	rVB7	10985	16409	2.61%	0.379%
55	15.861	2366	2370	2371	rBV3	7437	8154	1.30%	0.189%
56	15.902	2376	2377	2383	rVB5	9311	12222	1.95%	0.283%
57	15.991	2389	2392	2394	rBV4	6785	9238	1.47%	0.214%
58	16.067	2400	2405	2412	rBV8	11492	26260	4.18%	0.607%
59	16.232	2424	2433	2437	rBV8	13399	36781	5.86%	0.850%
60	16.349	2451	2453	2458	rVB6	7319	9194	1.46%	0.213%
61	16.696	2505	2512	2522	rBV9	17256	48691	7.76%	1.126%

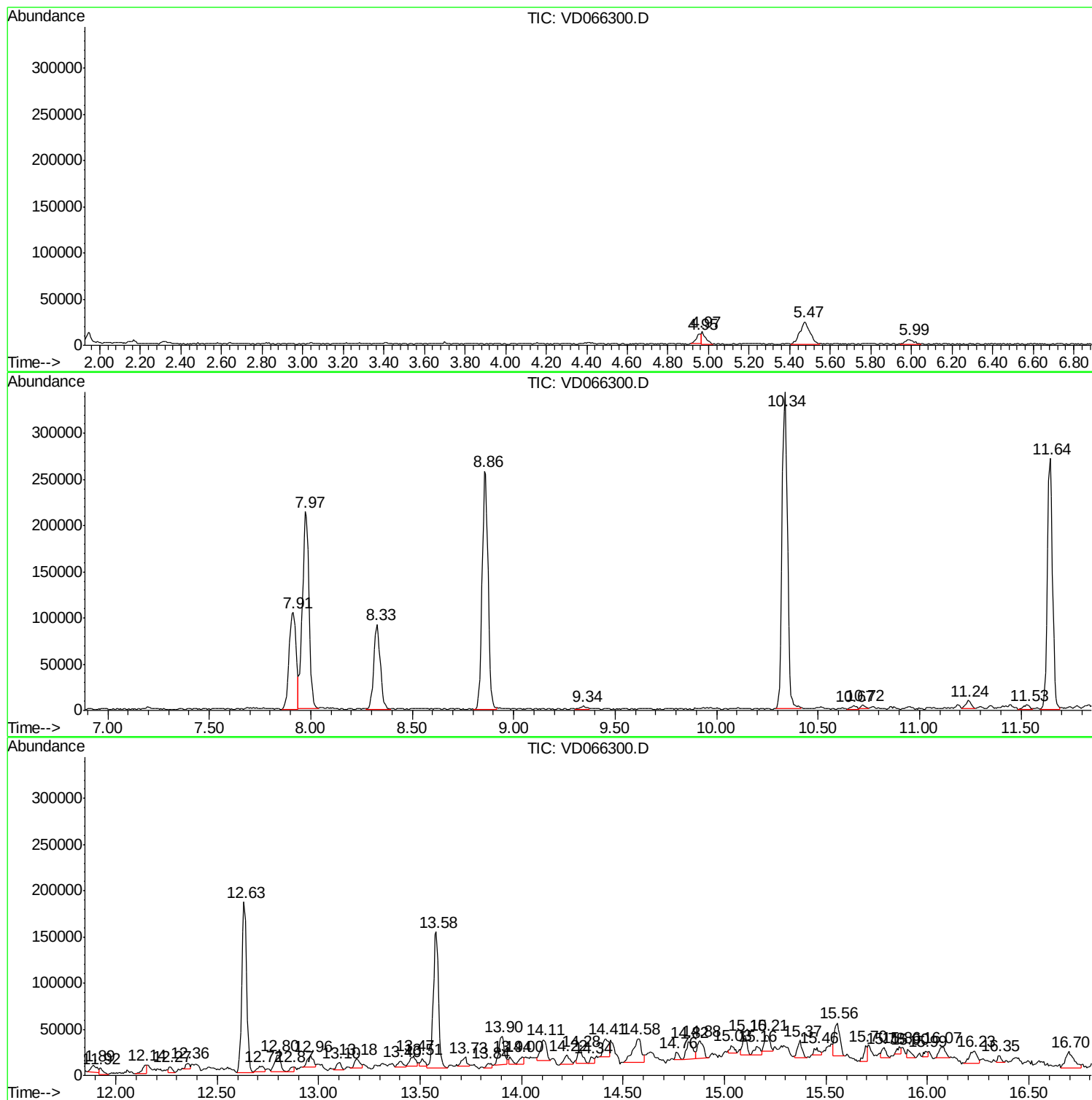
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TIC Integration Parameters: LSCINT.P



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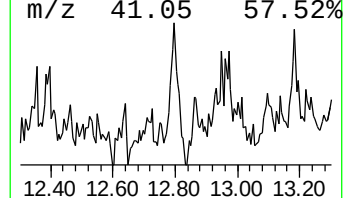
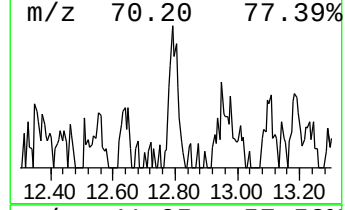
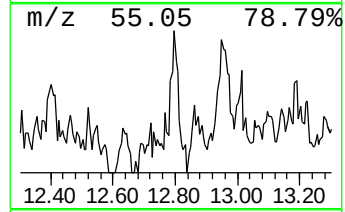
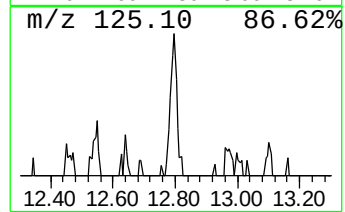
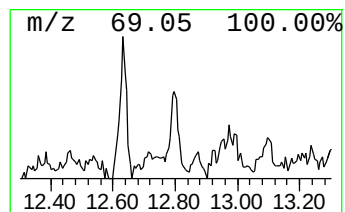
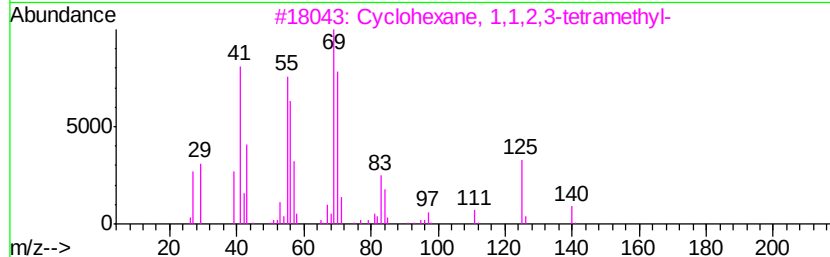
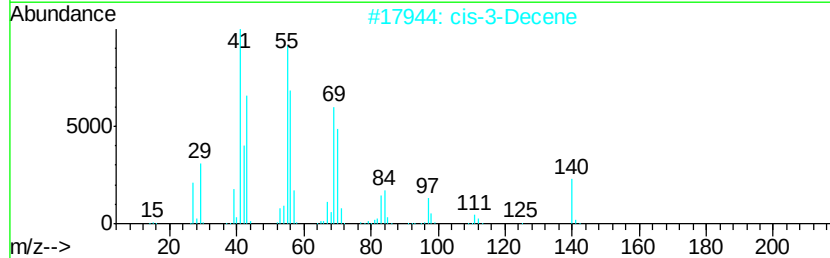
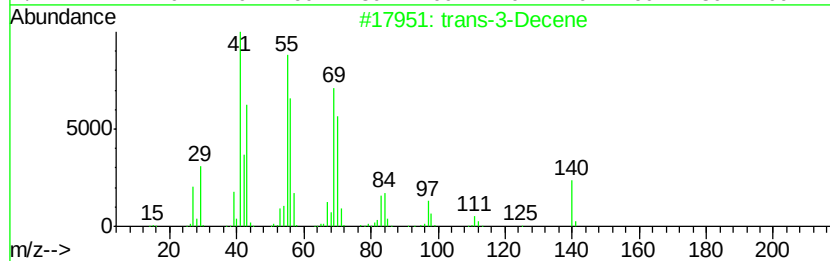
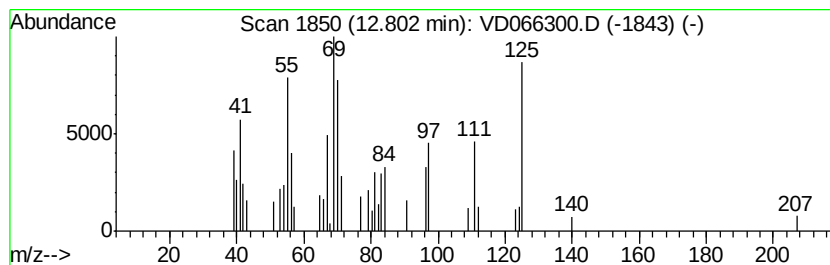
Instrument :
MSVOA_D
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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

Peak Number 1 trans-3-Decene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.80	7.46 ug/l	38430	1,4-Dichlorobenzene-d4	13.58	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-3-Decene	140	C10H20	019150-21-1	55
2	cis-3-Decene	140	C10H20	019398-86-8	49
3	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	47
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	46
5	3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	46



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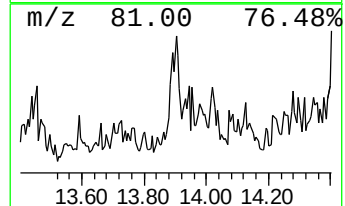
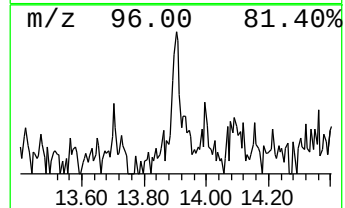
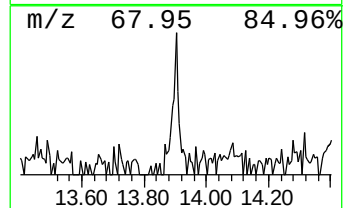
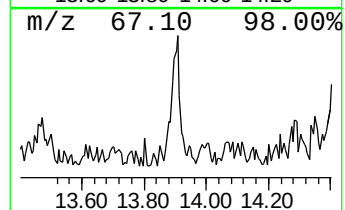
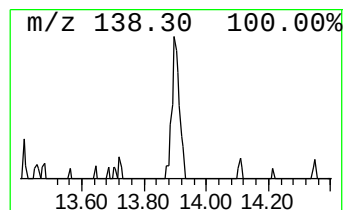
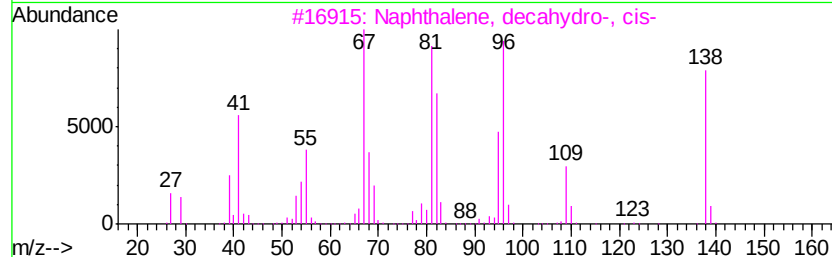
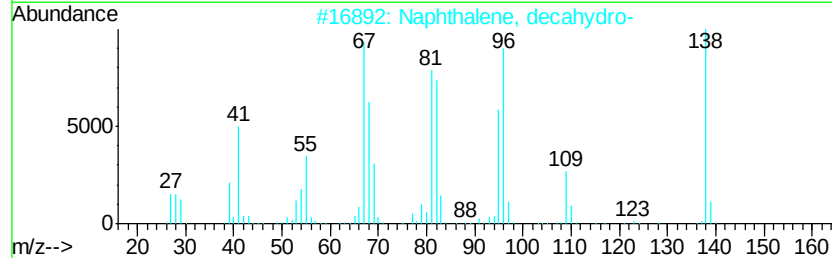
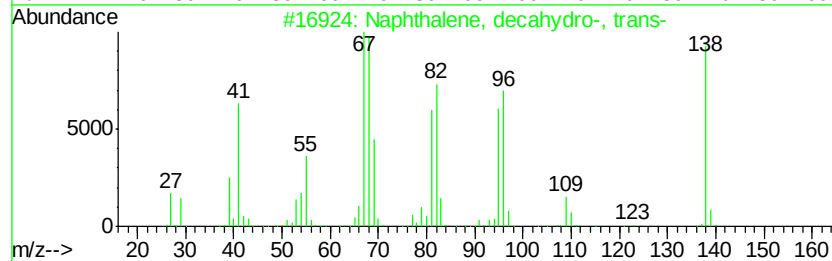
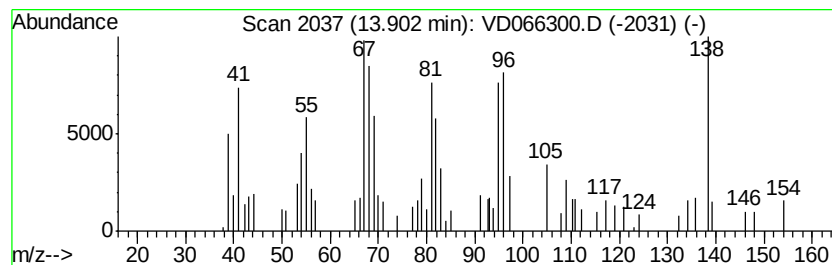
Instrument :
MSVOA_D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, decahydro-, tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	11.00 ug/l	56694	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-, trans-	138 C10H18	000493-02-7 87
2		Naphthalene, decahydro-	138 C10H18	000091-17-8 87
3		Naphthalene, decahydro-, cis-	138 C10H18	000493-01-6 76
4		Spiro[4.5]decane	138 C10H18	000176-63-6 72
5		1,1'-Bicyclopentyl	138 C10H18	001636-39-1 70



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Misc : 6.11G/5.00ml/MSVOA D/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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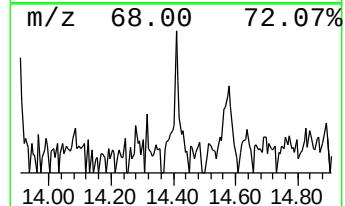
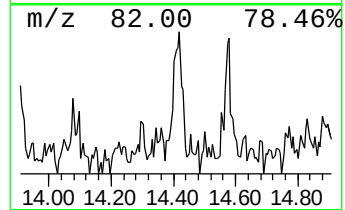
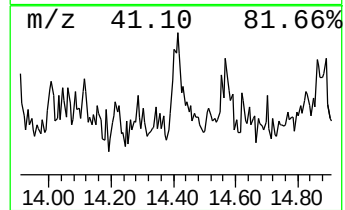
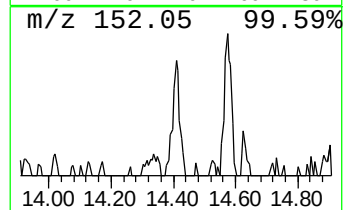
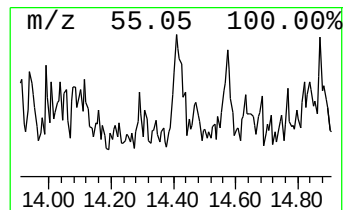
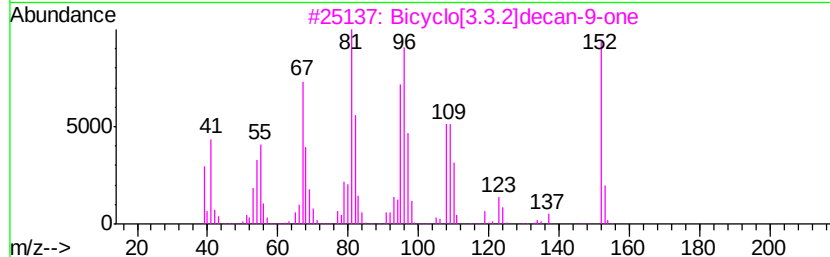
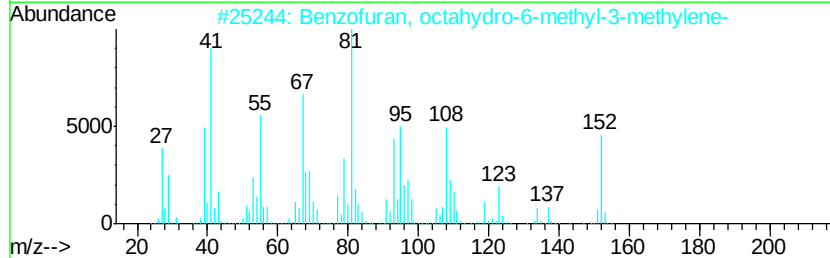
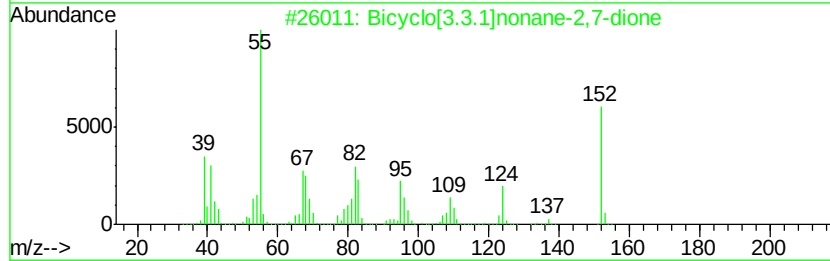
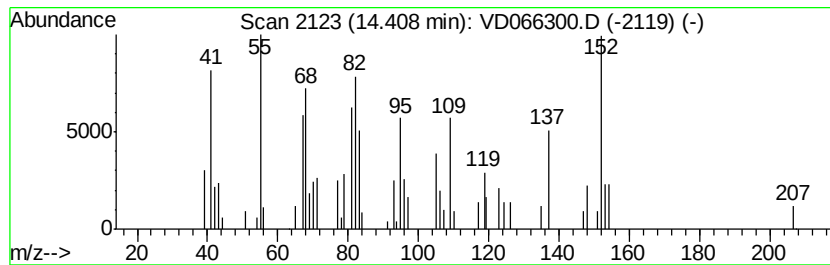
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 unknown14.41 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	7.86 ug/l	40472	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.3.1]nonane-2,7-dione	152	C9H12O2	1000210-30-3	42
2		Benzofuran, octahydro-6-methyl-3...	152	C10H16O	077954-13-3	41
3		Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	41
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	38
5		Bicyclo(3.3.1)nonane-2,6-dione	152	C9H12O2	016473-11-3	35



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ClientSampled :
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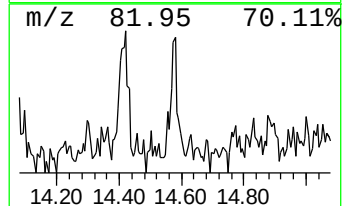
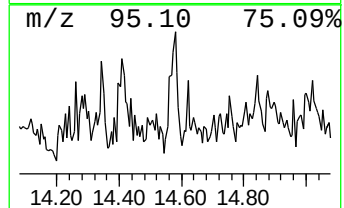
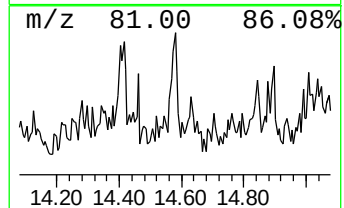
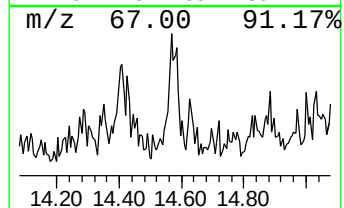
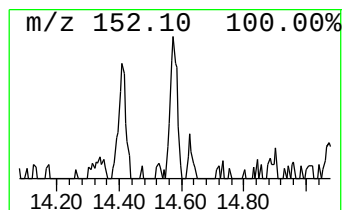
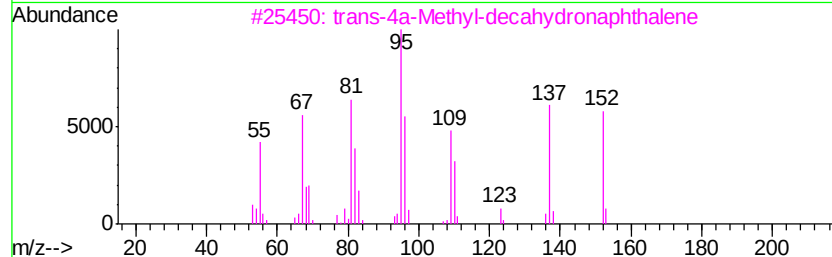
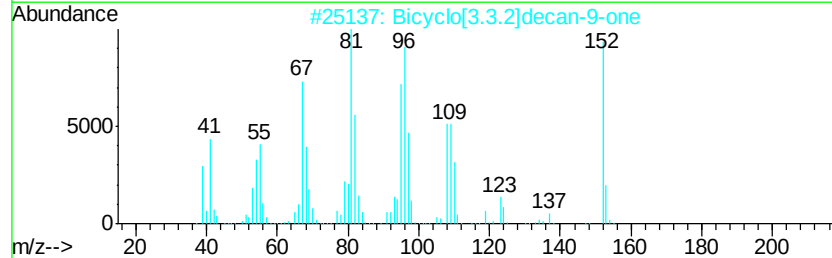
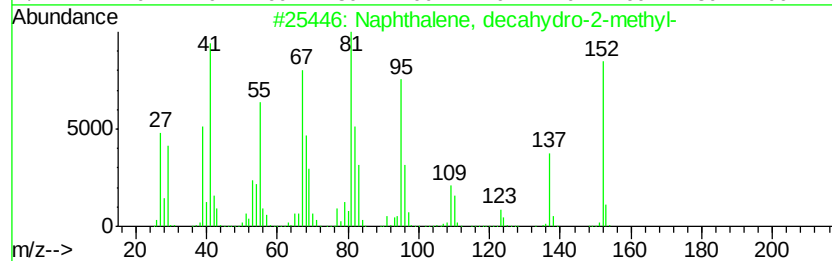
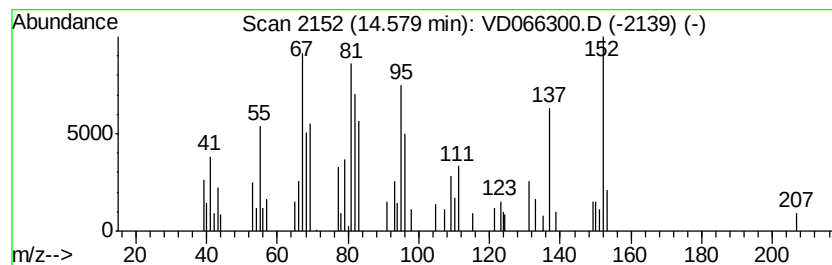
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	15.28 ug/l	78722	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
2		Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	60
3		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	49
4		Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	49
5		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	46



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TP-6-4-9FT

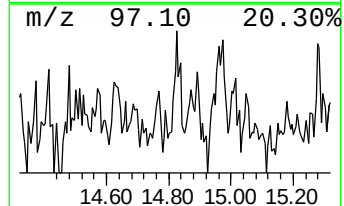
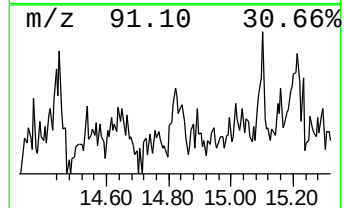
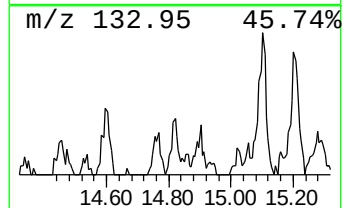
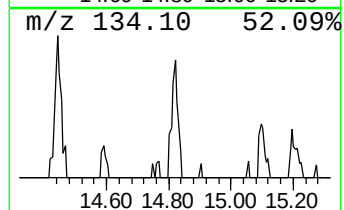
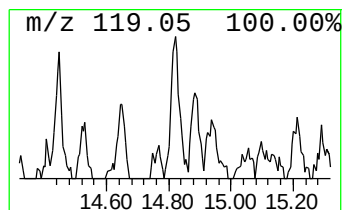
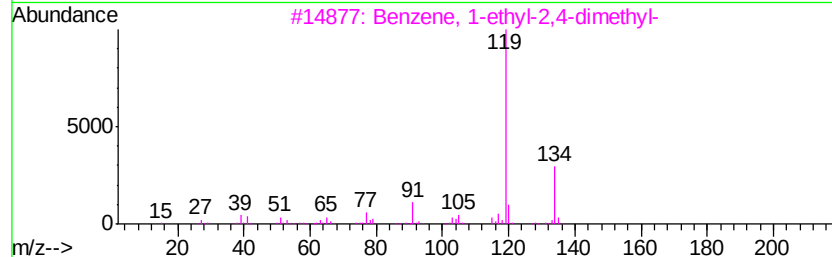
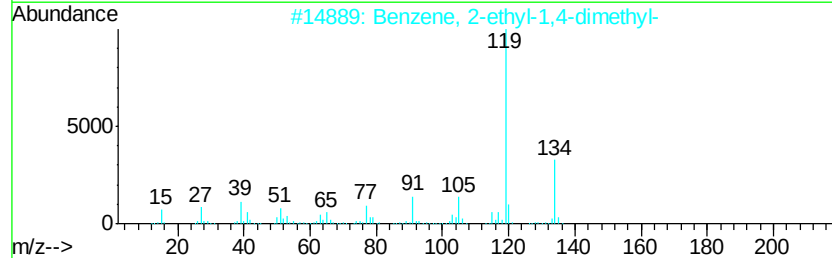
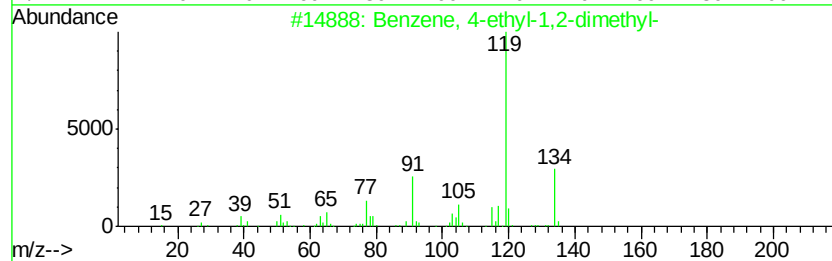
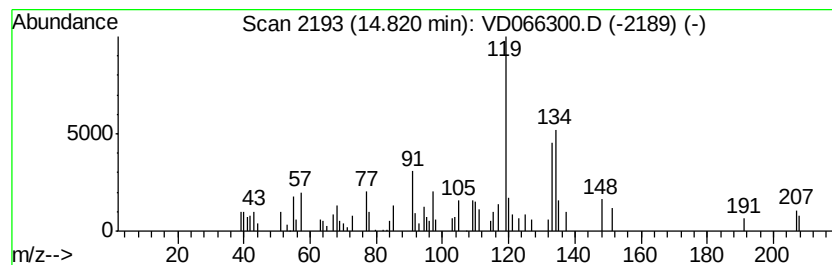
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	8.11 ug/l	41769	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	46
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	46
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081820\
Data File : VD066300.D
Acq On : 19 Aug 2020 03:35
Operator : VA/SY
Sample : L3681-01
Misc : 6.11G/5.00ml/MSVOA D/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
TP-6-4-9FT

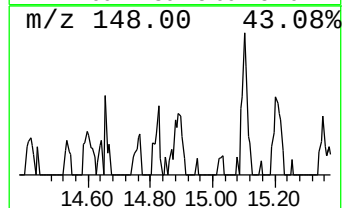
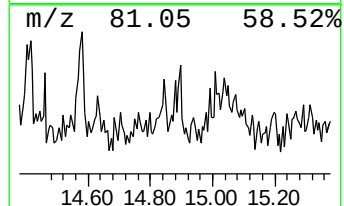
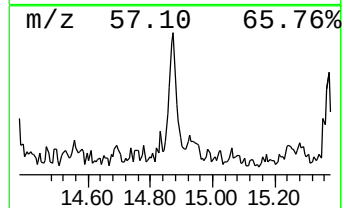
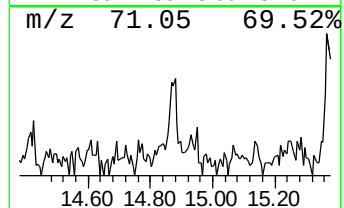
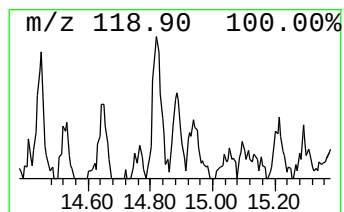
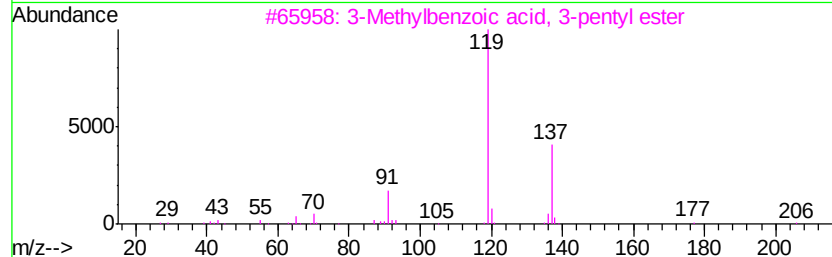
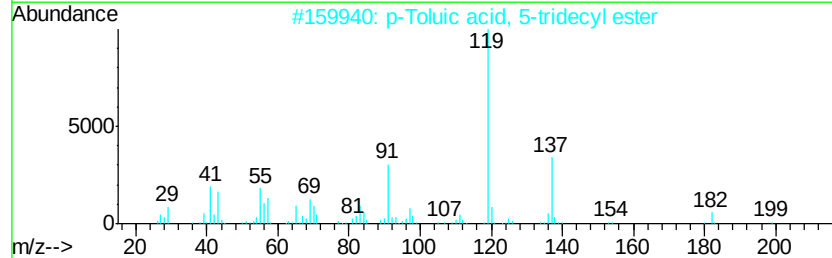
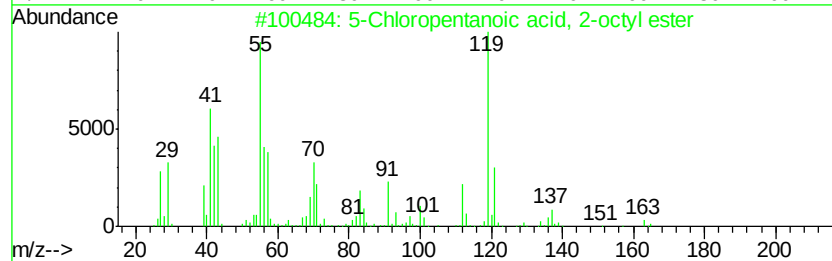
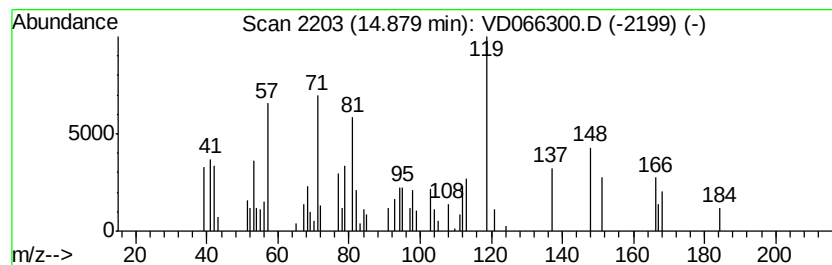
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Quant Title : SW846 8260

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

Peak Number 7 unknown14.88 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	7.68 ug/l	39558	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Chloropentanoic acid, 2-octyl ...	248	C13H25ClO2	1000293-37-7	12
2		p-Toluic acid, 5-tridecyl ester	318	C21H34O2	1000299-80-5	10
3		3-Methylbenzoic acid, 3-pentyl e...	206	C13H18O2	1000325-71-1	10
4		Benzoic acid, 2-(formylamino)-, ...	179	C9H9NO3	041270-80-8	10
5		3-Amino-2-methylbenzyl alcohol	137	C8H11NO	083647-42-1	10



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081820\
Data File : VD066300.D
Acq On : 19 Aug 2020 03:35
Operator : VA/SY
Sample : L3681-01
Misc : 6.11G/5.00ml/MSVOA D/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-6-4-9FT

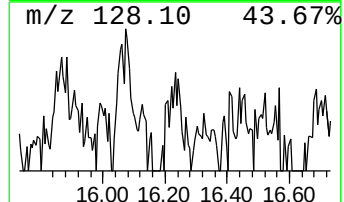
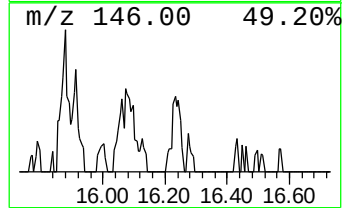
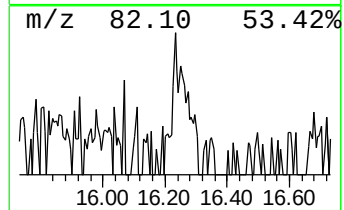
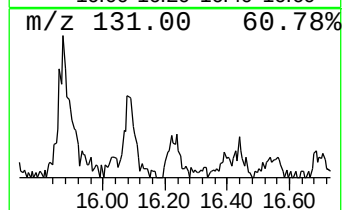
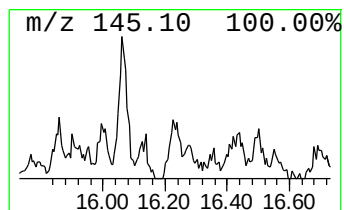
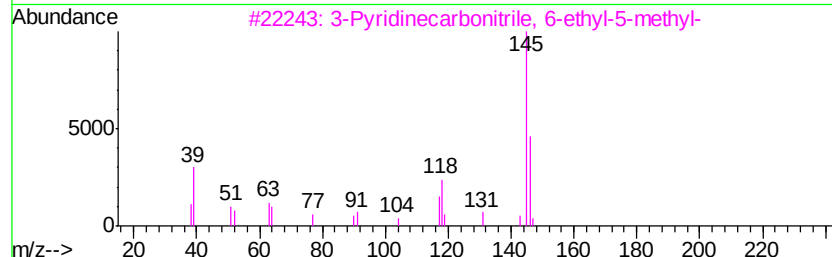
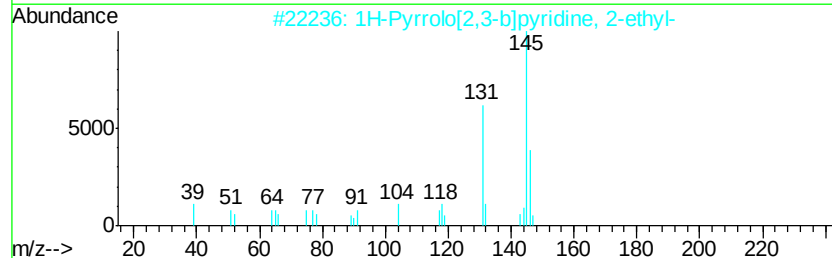
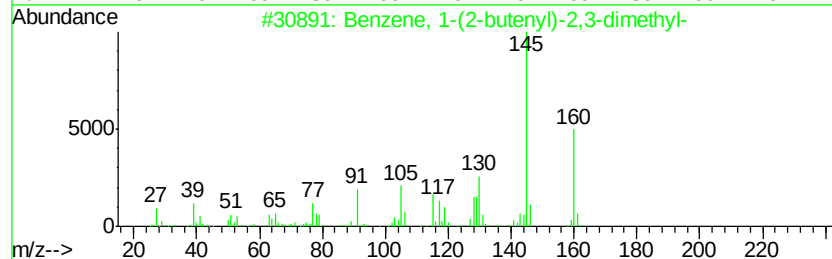
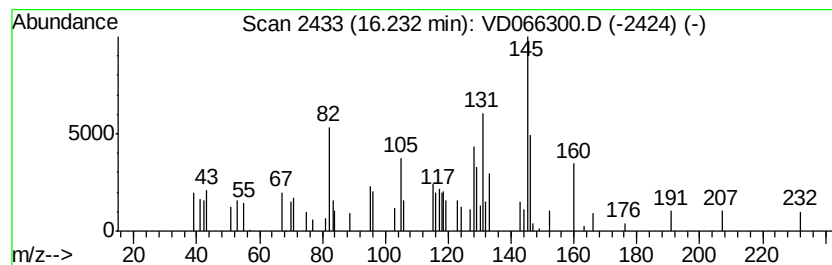
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Quant Title : SW846 8260

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

Peak Number 9 unknown16.23 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	7.14 ug/l	36781	1,4-Dichlorobenzene-d4	13.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	43
2			1H-Pyrrolo[2,3-b]pyridine, 2-ethyl-	146	C9H10N2	023612-49-9	43
3			3-Pyridinecarbonitrile, 6-ethyl-	146	C9H10N2	110253-41-3	43
4			Naphthalene, 1,2,3,4-tetrahydro-	146	C11H14	001680-51-9	38
5			Naphthalene, 1,2,3,4-tetrahydro-	160	C12H16	004175-54-6	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081820\
Data File : VD066300.D
Acq On : 19 Aug 2020 03:35
Operator : VA/SY
Sample : L3681-01
Misc : 6.11G/5.00ml/MSVOA D/SOIL
ALS Vial : 36 Sample Multiplier: 1

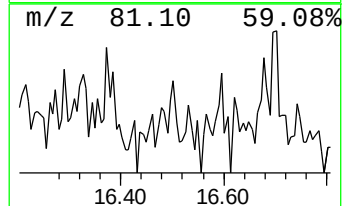
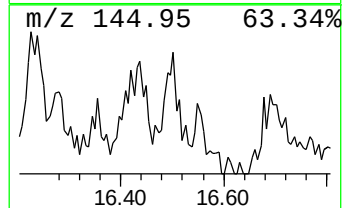
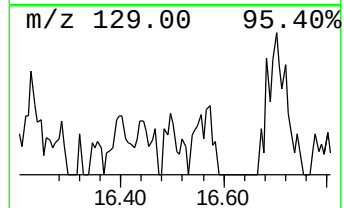
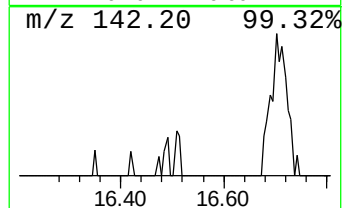
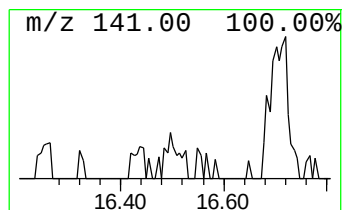
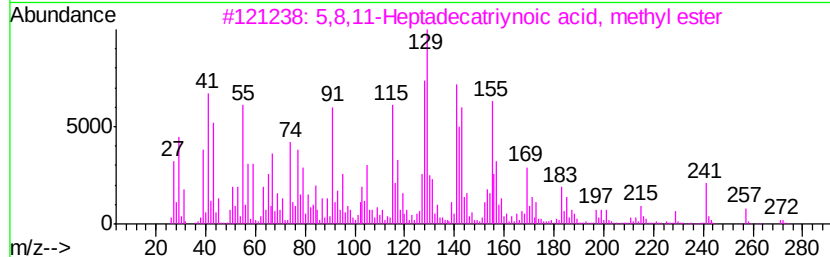
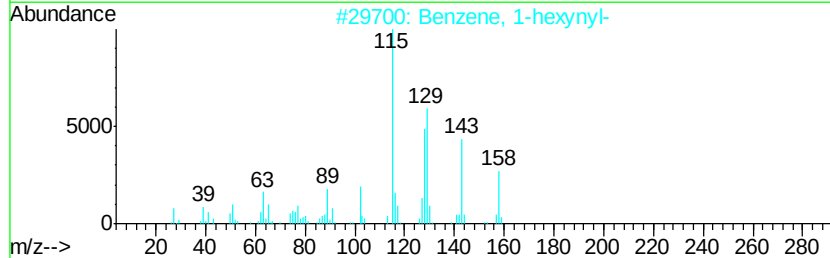
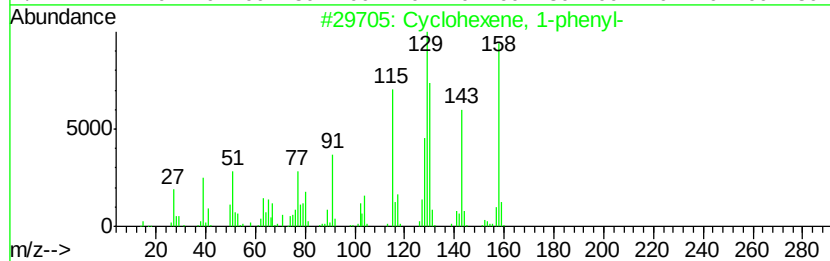
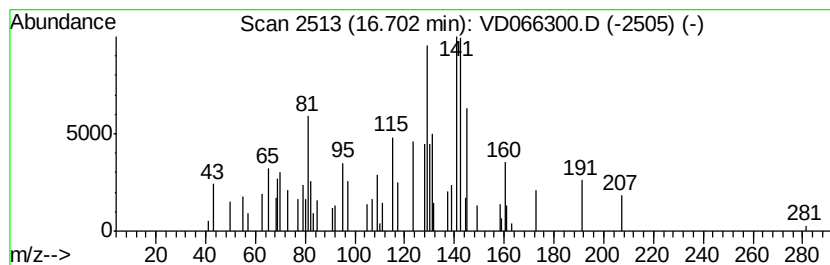
Instrument :
MSVOA_D
ClientSampleId :
TP-6-4-9FT

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown16.70 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	9.45 ug/l	48691	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexene, 1-phenyl-	158 C12H14	000771-98-2 46
2		Benzene, 1-hexynyl-	158 C12H14	001129-65-3 25
3		5,8,11-Heptadecatriynoic acid, m...	272 C18H24O2	056554-57-5 25
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142 C11H10	002443-46-1 22
5		1-Hydroxymethyl-1,2,3,4-tetrahyd...	178 C11H14O2	343332-31-0 16



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_D\DATA\VD081820\
Data File : VD066300.D
Acq On : 19 Aug 2020 03:35
Operator : VA/SY
Sample : L3681-01
Misc : 6.11G/5.00ml/MSV0A_D/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSV0A_D
ClientSampleId :
TP-6-4-9FT

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_D\METHOD\82D080520S.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
trans-3-Decene	12.80	7.5	ug/l	38430	4	13.58	257591	50.0
Naphthalene, deca...	13.90	11.0	ug/l	56694	4	13.58	257591	50.0
unknown14.41	14.41	7.9	ug/l	40472	4	13.58	257591	50.0
Naphthalene, deca...	14.58	15.3	ug/l	78722	4	13.58	257591	50.0
Benzene, 4-ethyl-...	14.82	8.1	ug/l	41769	4	13.58	257591	50.0
unknown14.88	14.88	7.7	ug/l	39558	4	13.58	257591	50.0
unknown16.23	16.23	7.1	ug/l	36781	4	13.58	257591	50.0
unknown16.70	16.70	9.4	ug/l	48691	4	13.58	257591	50.0