

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067040.D
 Acq On : 02 Oct 2020 17:20
 Operator : VA/SY
 Sample : L4213-12
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-17(13-15)

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\82D100120S.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	4.967	508	518	529	rBV3	20936	61426	2.01%	0.129%
2	7.203	887	898	908	rBV3	23014	71655	2.35%	0.150%
3	7.914	1008	1019	1024	rBV	391409	916719	30.03%	1.925%
4	7.979	1024	1030	1040	rVB	720151	1575429	51.60%	3.308%
5	8.332	1075	1090	1100	rBV	325881	762716	24.98%	1.601%
6	8.861	1171	1180	1189	rBV	991791	2042538	66.90%	4.289%
7	10.338	1423	1431	1447	rBV	1614345	3053078	100.00%	6.410%
8	10.679	1485	1489	1493	rBV4	26698	35880	1.18%	0.075%
9	10.726	1493	1497	1501	rVB	27400	37476	1.23%	0.079%
10	10.861	1517	1520	1526	rBV6	28010	36893	1.21%	0.077%
11	10.950	1531	1535	1542	rVB3	58137	105994	3.47%	0.223%
12	11.050	1548	1552	1556	rBV2	38060	73602	2.41%	0.155%
13	11.191	1571	1576	1580	rBV	83910	128720	4.22%	0.270%
14	11.244	1580	1585	1590	rVB2	111378	199505	6.53%	0.419%
15	11.350	1599	1603	1608	rBV7	35523	59029	1.93%	0.124%
16	11.450	1615	1620	1626	rVV4	88650	176036	5.77%	0.370%
17	11.526	1629	1633	1639	rVB3	46890	84848	2.78%	0.178%
18	11.644	1646	1653	1663	rVB	1427922	2471012	80.94%	5.188%
19	11.779	1673	1676	1680	rBV5	45258	62775	2.06%	0.132%
20	11.832	1680	1685	1688	rBV6	59438	126482	4.14%	0.266%
21	11.891	1690	1695	1699	rVV	170371	281452	9.22%	0.591%
22	12.155	1733	1740	1747	rBV4	262209	623395	20.42%	1.309%
23	12.273	1753	1760	1764	rVB2	221374	367753	12.05%	0.772%
24	12.320	1764	1768	1769	rBV2	109372	145651	4.77%	0.306%
25	12.355	1770	1774	1776	rBV4	129362	180747	5.92%	0.380%
26	12.491	1793	1797	1801	rBV3	116729	178175	5.84%	0.374%
27	12.638	1816	1822	1830	rVB	1149000	1943107	63.64%	4.080%
28	12.720	1833	1836	1840	rBV6	58858	98651	3.23%	0.207%
29	12.802	1845	1850	1857	rVV4	410954	913578	29.92%	1.918%
30	12.879	1857	1863	1869	rVV6	212275	577129	18.90%	1.212%
31	12.955	1870	1876	1882	rVV4	557896	1330468	43.58%	2.794%
32	13.008	1883	1885	1892	rVB3	228674	353755	11.59%	0.743%
33	13.102	1897	1901	1905	rVB3	202452	265263	8.69%	0.557%
34	13.155	1905	1910	1911	rBV4	166001	272008	8.91%	0.571%

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B-17(13-15)

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

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35	13.191	1911	1916	1922	rVB2	526359	807307	26.44%	1.695%
36	13.314	1934	1937	1941	rBV	130379	176493	5.78%	0.371%
37	13.402	1949	1952	1955	rBV3	82866	96229	3.15%	0.202%
38	13.467	1955	1963	1967	rVV6	285699	691655	22.65%	1.452%
39	13.508	1967	1970	1974	rVV5	228518	334626	10.96%	0.703%
40	13.579	1977	1982	1990	rVB	1521585	2568720	84.14%	5.393%
41	13.649	1991	1994	1999	rBV3	147851	213352	6.99%	0.448%
42	13.902	2031	2037	2042	rBV	1503771	2474485	81.05%	5.196%
43	14.008	2051	2055	2059	rBV4	250251	431485	14.13%	0.906%
44	14.226	2087	2092	2097	rBV5	234324	407069	13.33%	0.855%
45	14.291	2097	2103	2109	rBV7	473763	951501	31.17%	1.998%
46	14.349	2109	2113	2115	rBV4	202645	265765	8.70%	0.558%
47	14.414	2119	2124	2138	rVB3	1009782	2934483	96.12%	6.161%
48	14.532	2139	2144	2146	rBV3	433591	724558	23.73%	1.521%
49	14.579	2148	2152	2156	rVB3	688088	1084282	35.51%	2.277%
50	14.761	2178	2183	2189	rVB3	659792	1071878	35.11%	2.251%
51	14.832	2190	2195	2199	rBV5	334761	821576	26.91%	1.725%
52	14.879	2199	2203	2210	rVB2	943147	1858473	60.87%	3.902%
53	15.038	2227	2230	2237	rVB3	328715	551087	18.05%	1.157%
54	15.102	2238	2241	2246	rVB2	430163	619516	20.29%	1.301%
55	15.167	2249	2252	2255	rBV	200788	260177	8.52%	0.546%
56	15.379	2282	2288	2296	rBV	1120435	2217018	72.62%	4.655%
57	15.449	2297	2300	2305	rVB6	238674	425447	13.94%	0.893%
58	15.608	2323	2327	2335	rVB2	691606	1225210	40.13%	2.573%
59	15.720	2337	2346	2351	rVV10	264684	839804	27.51%	1.763%
60	15.790	2354	2358	2363	rVB4	341574	612612	20.07%	1.286%
61	16.226	2426	2432	2438	rBV8	314783	780290	25.56%	1.638%
62	16.361	2451	2455	2460	rVB3	355283	572947	18.77%	1.203%
63	16.573	2485	2491	2496	rVB4	347495	734222	24.05%	1.542%
64	16.702	2508	2513	2527	rVB10	402722	1261271	41.31%	2.648%

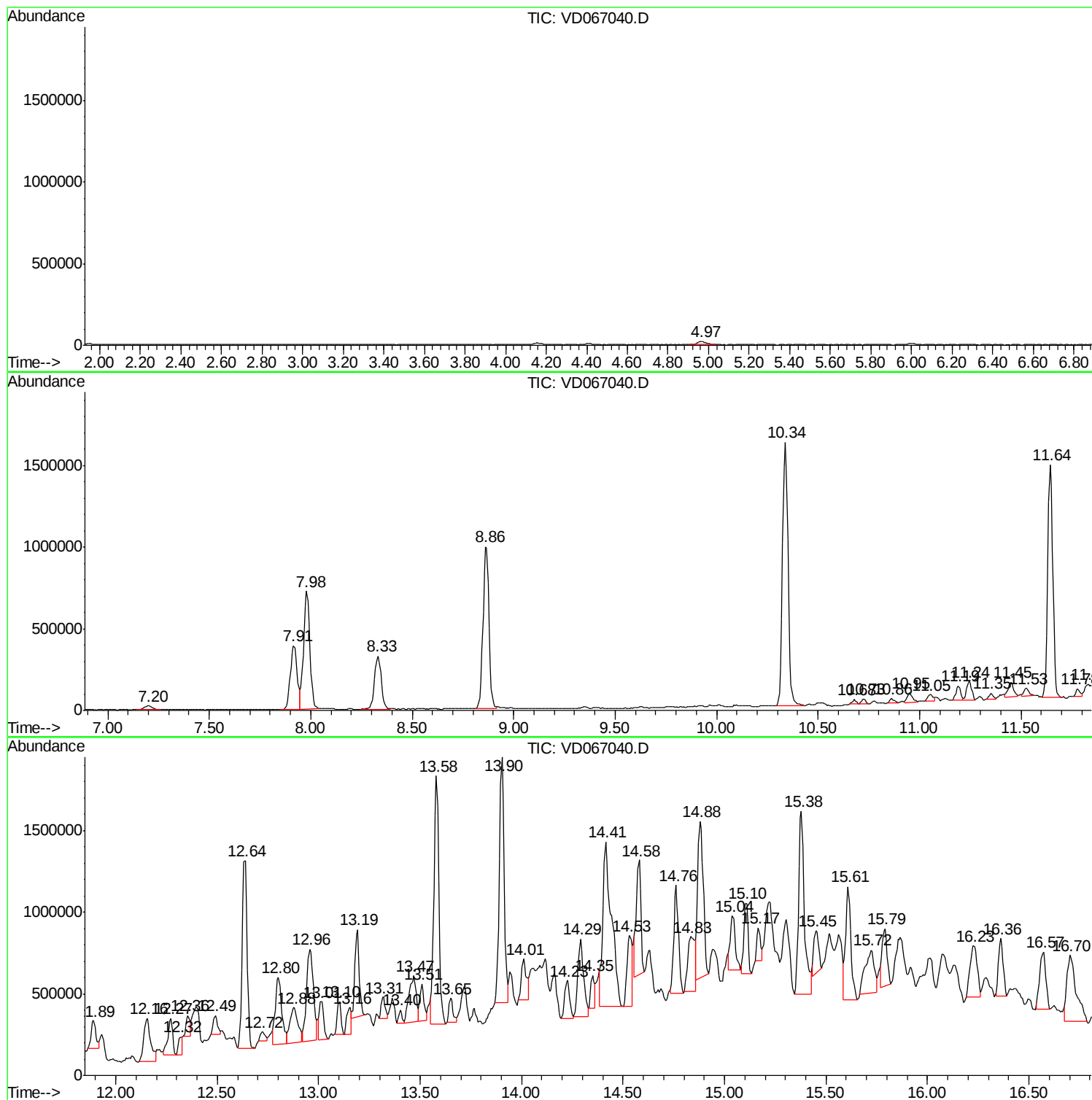
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ClientSampleId :
B-17(13-15)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260

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



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Misc : 5.08G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

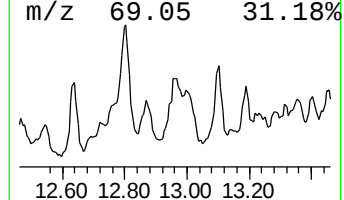
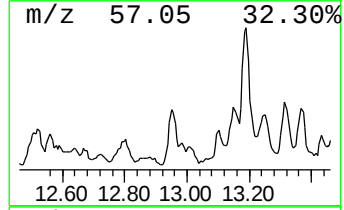
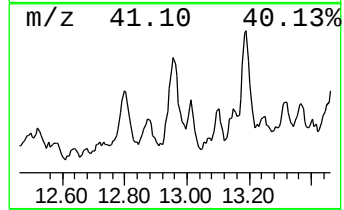
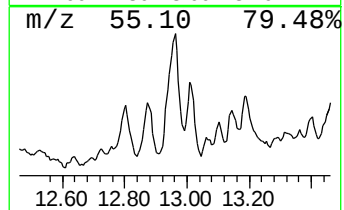
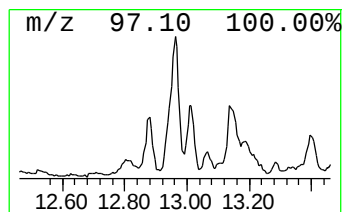
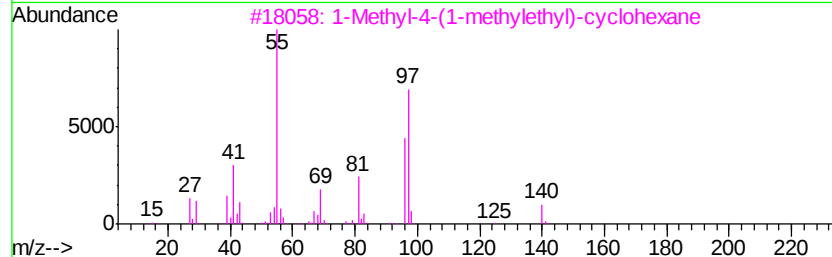
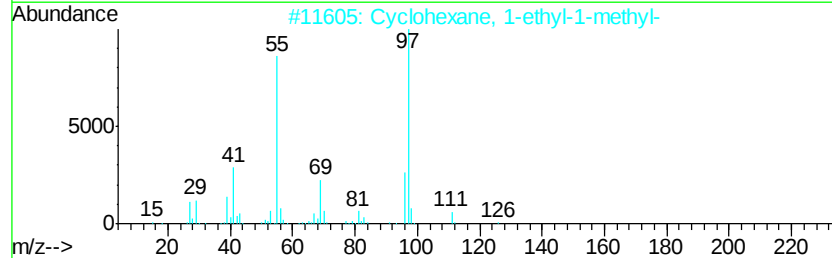
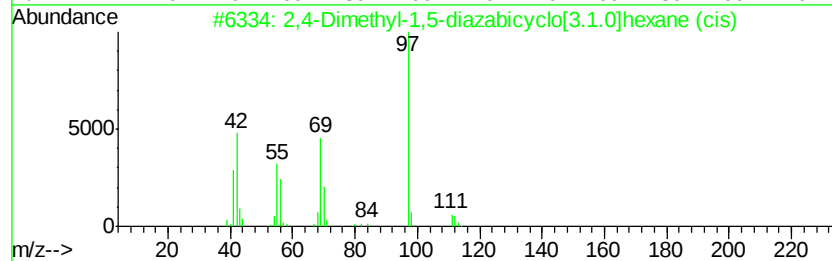
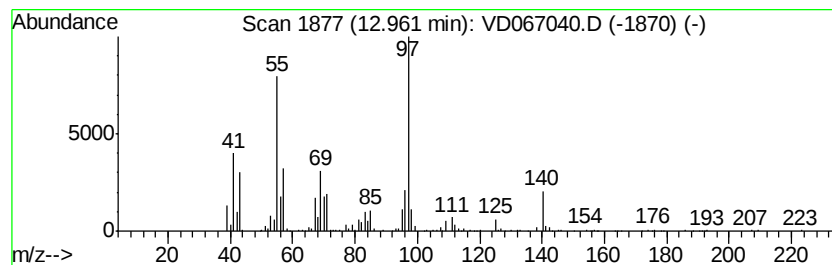
Instrument :
MSVOA_D
ClientSampleId :
B-17(13-15)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260

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

Peak Number 1 2,4-Dimethyl-1,5-diazabicyc... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	25.90 ug/l	1330470	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,4-Dimethyl-1,5-diazabicyclo[3.1.0]hexane (cis)	112 C6H12N2	100463-01-2	55
2	Cyclohexane, 1-ethyl-1-methyl-	126 C9H18	004926-90-3	46
3	1-Methyl-4-(1-methylethyl)-cyclohexane	140 C10H20	000099-82-1	43
4	Oxalic acid, cyclohexylmethyl et...	214 C11H18O4	1000309-68-0	43
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126 C9H18	006236-88-0	43



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Instrument :
MSVOA_D
ClientSampled :
B-17(13-15)

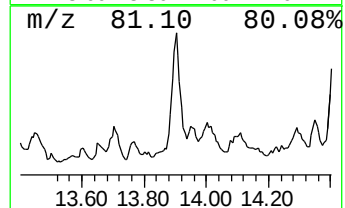
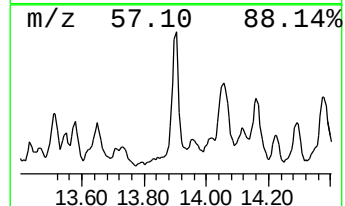
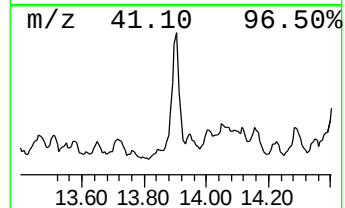
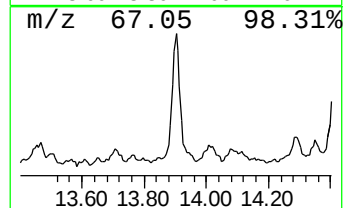
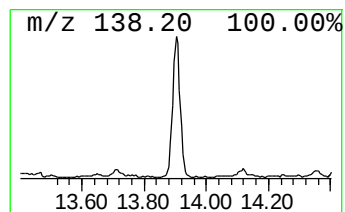
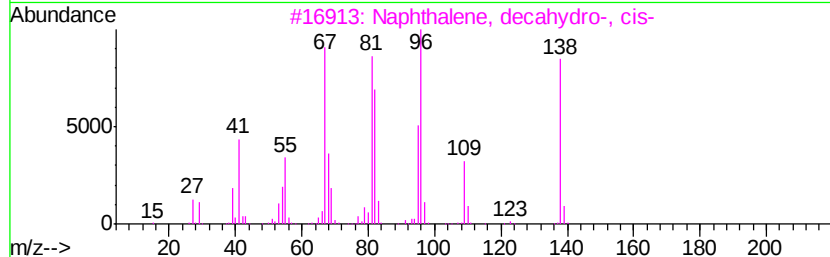
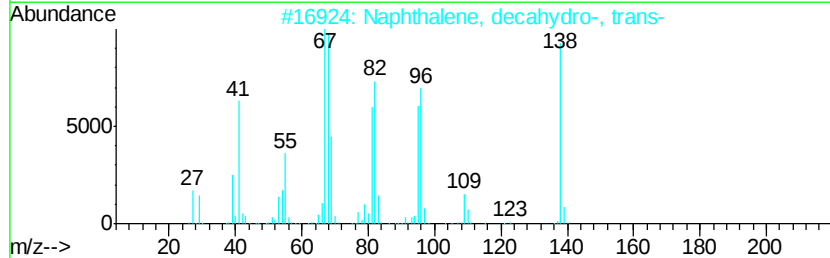
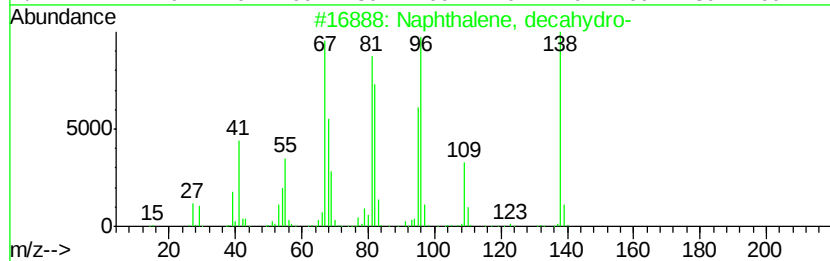
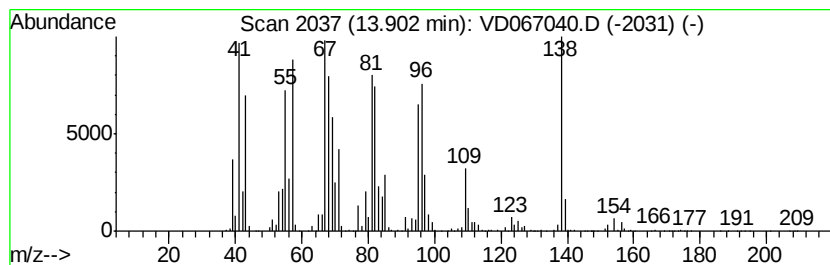
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, decahydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	48.17 ug/l	2474490	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	86
4		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	83
5		Spiro[4.5]decane	138	C10H18	000176-63-6	81



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ALS Vial : 15 Sample Multiplier: 1

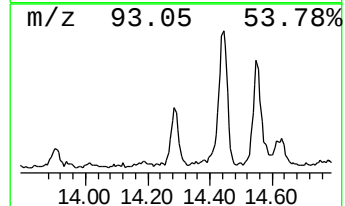
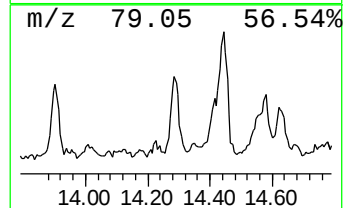
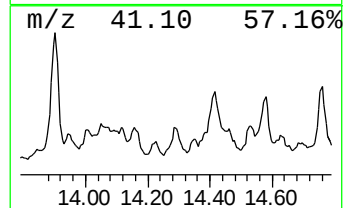
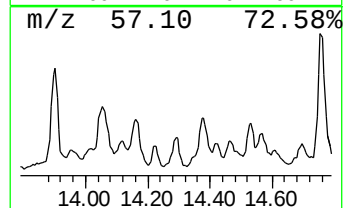
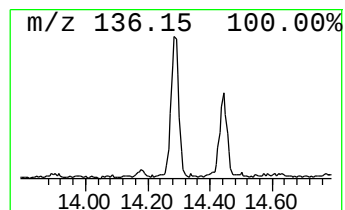
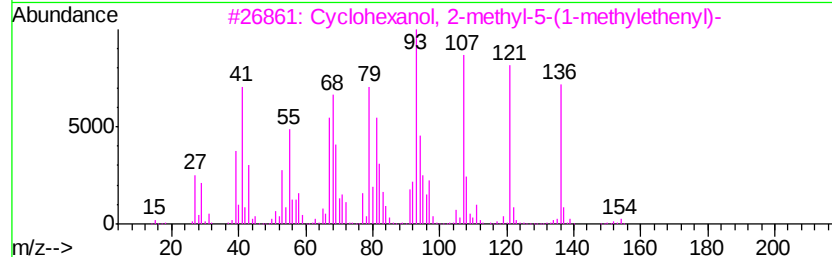
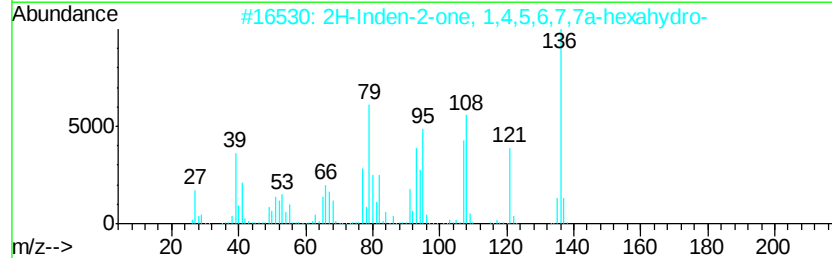
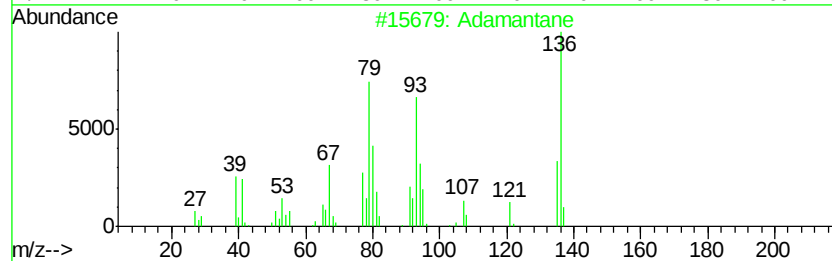
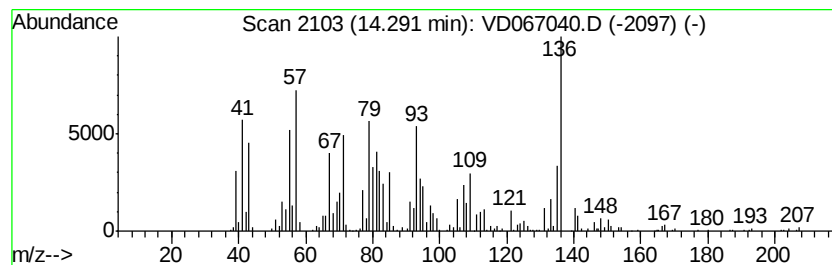
Instrument :
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ClientSampleId :
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Quant Title : SW846 8260

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

Peak Number 3 Adamantane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	18.52 ug/l	951501	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Adamantane		136 C10H16	000281-23-2 93
2	2H-Inden-2-one, 1,4,5,6,7,7a-hex...		136 C9H12O	039163-29-6 58
3	Cyclohexanol, 2-methyl-5-(1-meth...		154 C10H18O	000619-01-2 45
4	1,4-Benzenediamine, 2,3-dimethyl-		136 C8H12N2	005306-96-7 38
5	2,3-Diethylpyrazine		136 C8H12N2	015707-24-1 30



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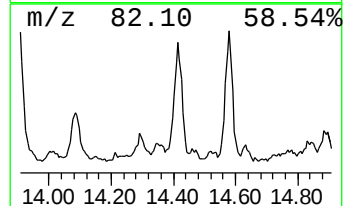
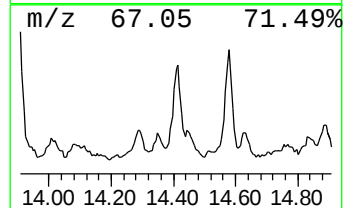
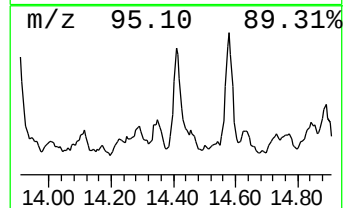
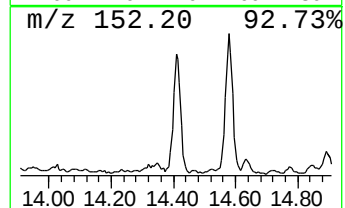
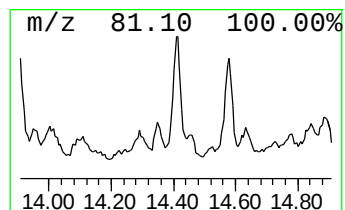
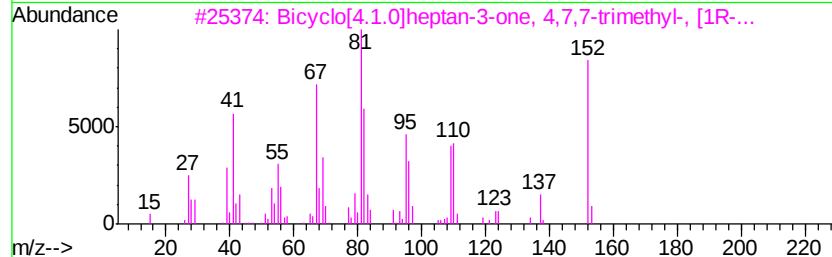
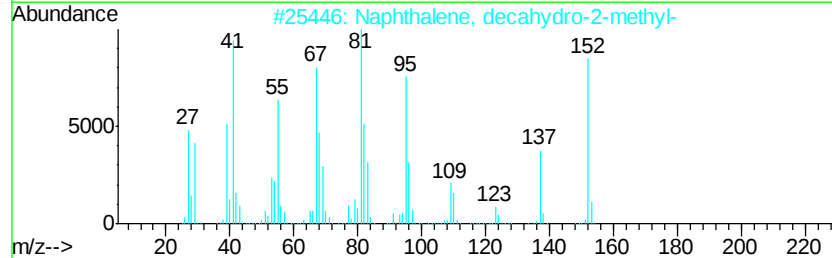
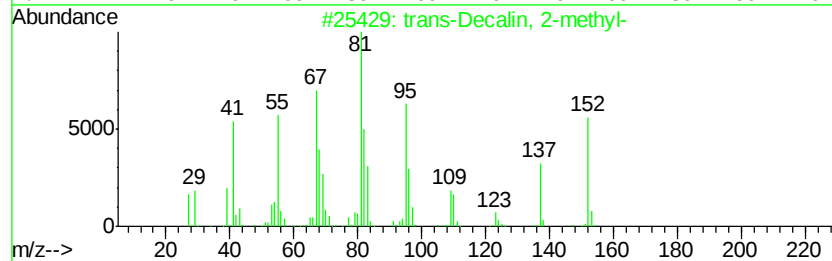
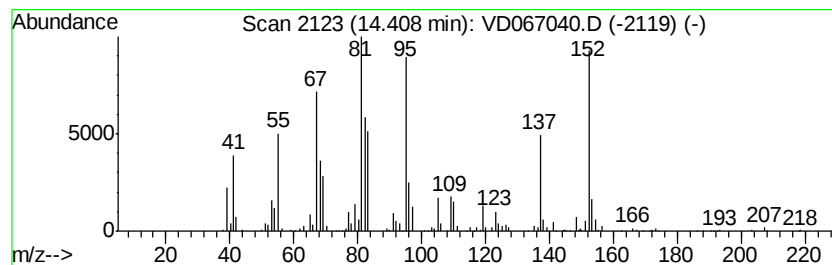
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Peak Number 4 trans-Decalin, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	57.12 ug/l	2934480	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	97
2	Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1	95
3	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152 C10H16O	004176-04-9	70
4	Cyclohexanone, 5-methyl-2-(1-met...	152 C10H16O	015932-80-6	64
5	cis-Decalin, 2-syn-methyl-	152 C11H20	1000155-85-6	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100220\
Data File : VD067040.D
Acq On : 02 Oct 2020 17:20
Operator : VA/SY
Sample : L4213-12
Misc : 5.08G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

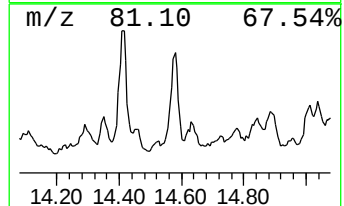
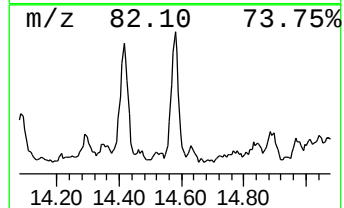
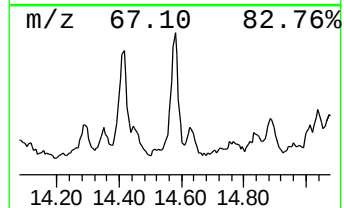
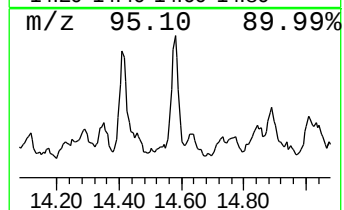
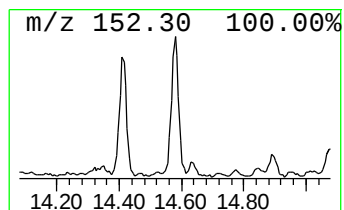
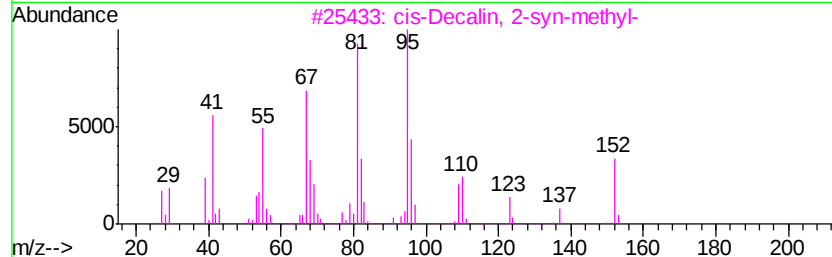
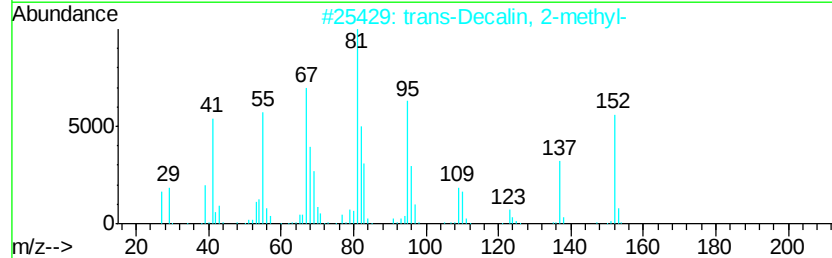
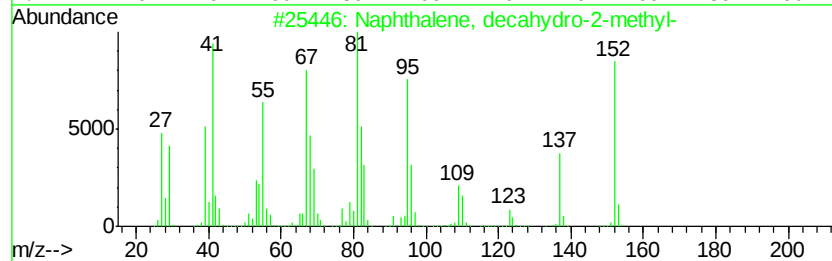
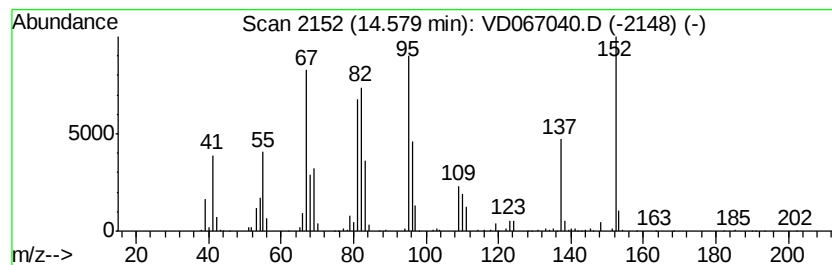
Instrument :
MSVOA_D
ClientSampleId :
B-17(13-15)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	21.11 ug/l	1084280	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 87
2		trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3 80
3		cis-Decalin, 2-syn-methyl-	152 C11H20	1000155-85-6 70
4		Cyclopentylcyclohexane	152 C11H20	001606-08-2 62
5		Decalin, anti-1-methyl-, cis-	152 C11H20	1000158-89-0 58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100220\
Data File : VD067040.D
Acq On : 02 Oct 2020 17:20
Operator : VA/SY
Sample : L4213-12
Misc : 5.08G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-17(13-15)

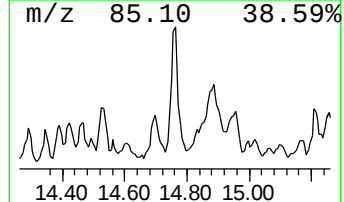
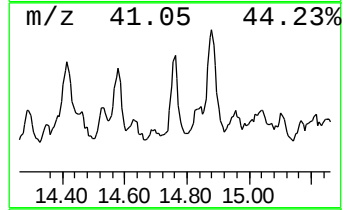
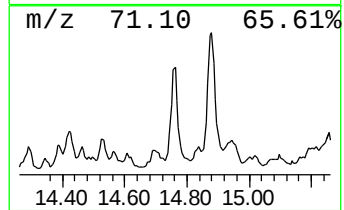
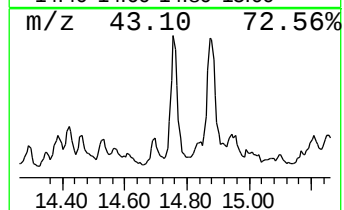
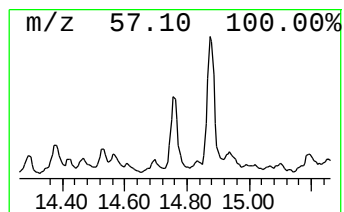
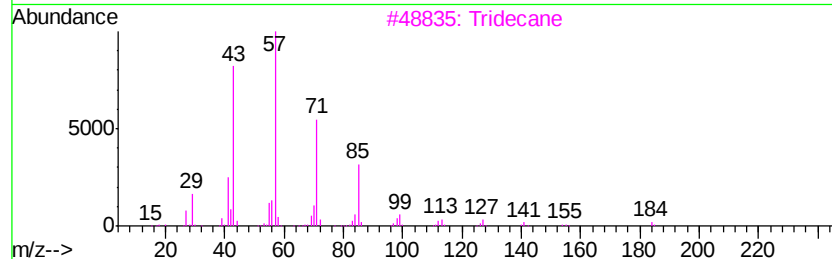
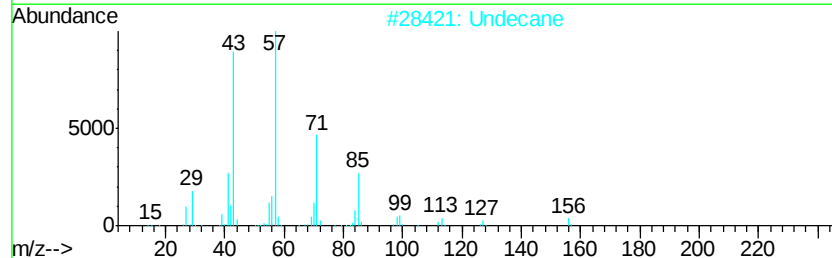
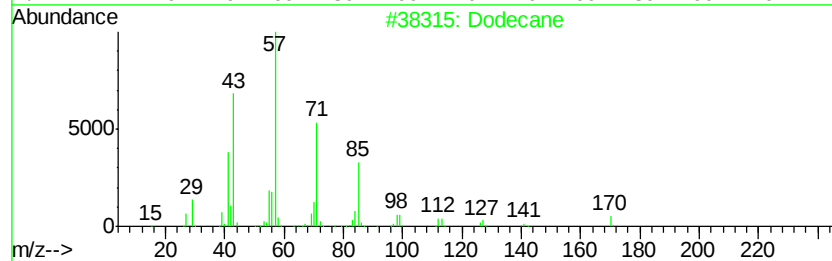
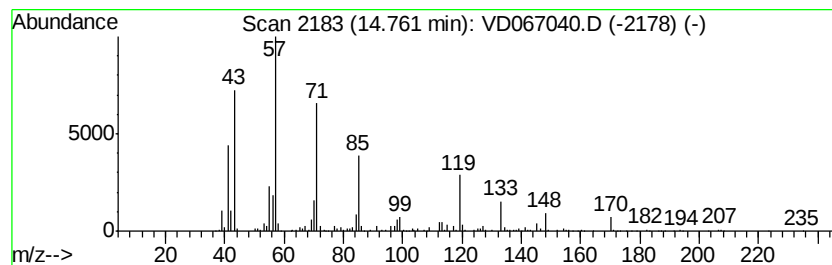
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Quant Title : SW846 8260

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

Peak Number 6 Dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	20.86 ug/l	1071880	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	92
2	Undecane		156	C11H24	001120-21-4	52
3	Tridecane		184	C13H28	000629-50-5	52
4	Bacchotricuneatin c		342	C20H22O5	066563-30-2	52
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100220\
Data File : VD067040.D
Acq On : 02 Oct 2020 17:20
Operator : VA/SY
Sample : L4213-12
Misc : 5.08G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-17(13-15)

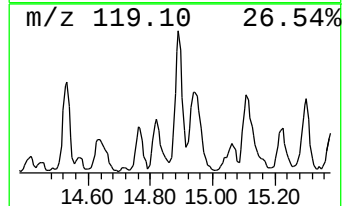
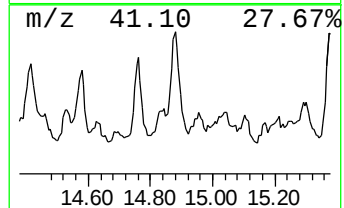
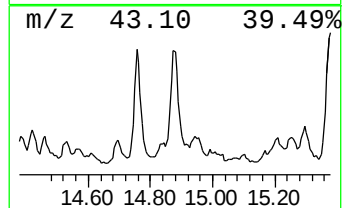
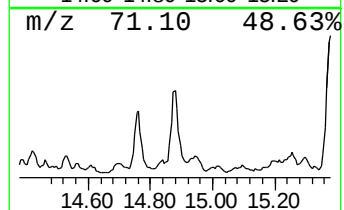
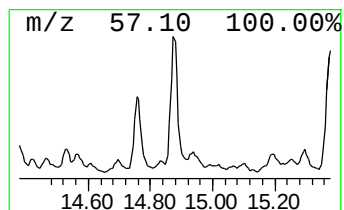
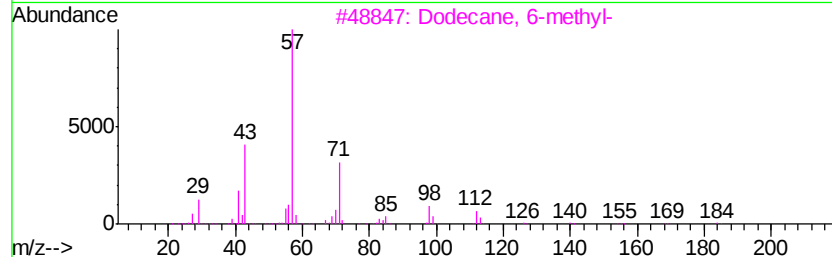
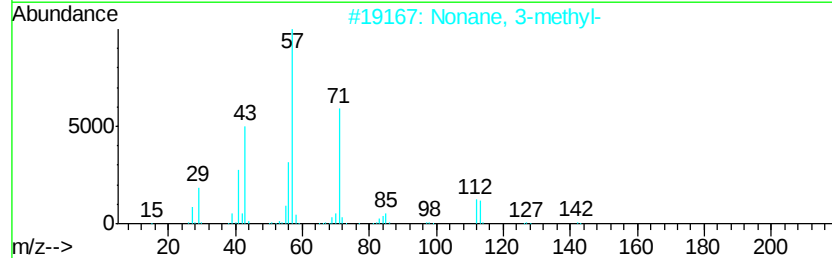
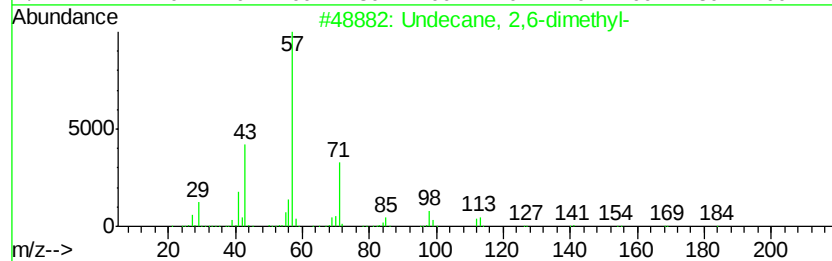
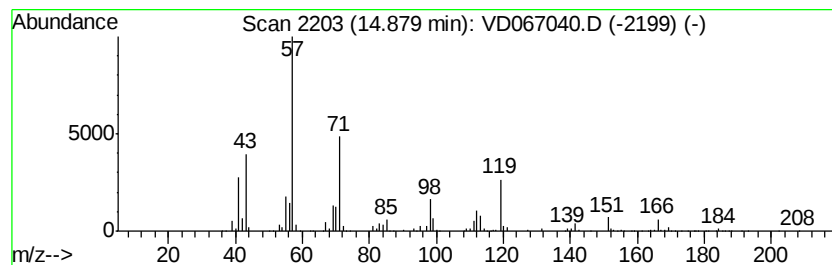
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Quant Title : SW846 8260

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	36.18 ug/l	1858470	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	53
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	50
4		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	46
5		Allyl n-octyl ether	170	C11H22O	003295-97-4	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100220\
Data File : VD067040.D
Acq On : 02 Oct 2020 17:20
Operator : VA/SY
Sample : L4213-12
Misc : 5.08G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

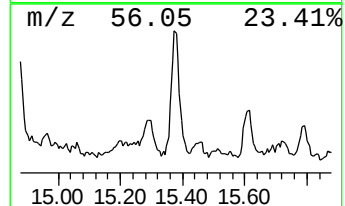
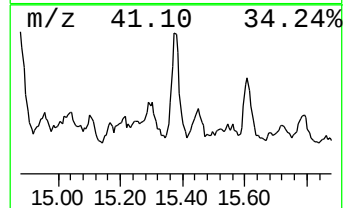
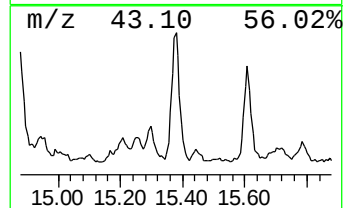
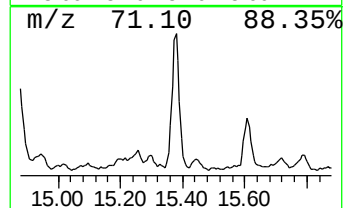
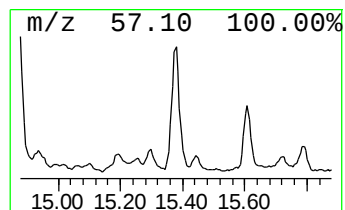
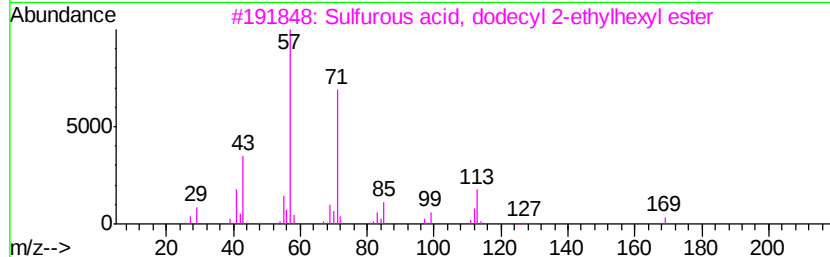
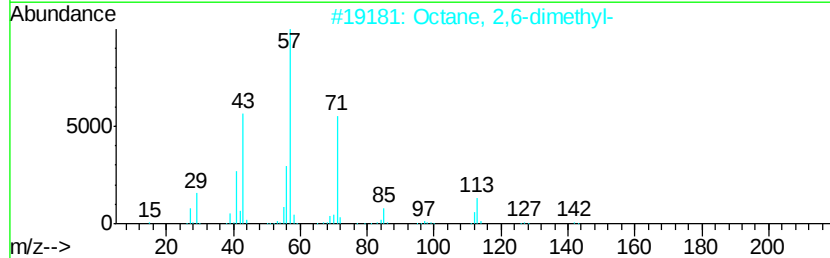
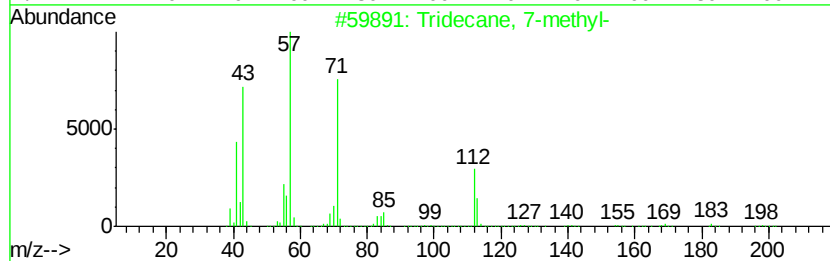
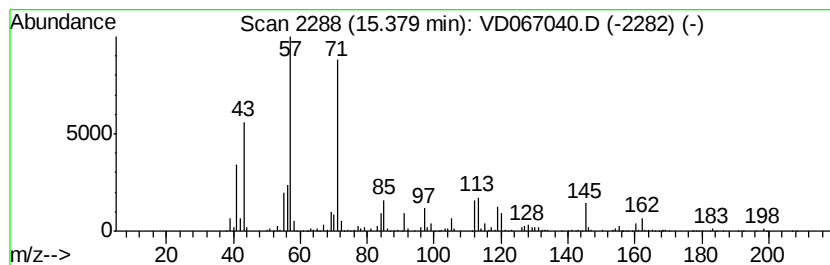
Instrument :
MSVOA_D
ClientSampleId :
B-17(13-15)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260

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

Peak Number 8 Tridecane, 7-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	43.15 ug/l	2217020	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane, 7-methyl-	198 C14H30	026730-14-3	70
2	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	64
3	Sulfurous acid, dodecyl 2-ethylh...	362 C20H42O3S	1000309-19-5	59
4	Oxalic acid, bis(2-ethylhexyl) e...	314 C18H34O4	1000309-39-0	53
5	Heptane, 3-[(ethenyloxy)methyl]-	156 C10H20O	000103-44-6	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100220\
Data File : VD067040.D
Acq On : 02 Oct 2020 17:20
Operator : VA/SY
Sample : L4213-12
Misc : 5.08G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-17(13-15)

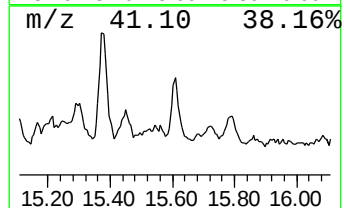
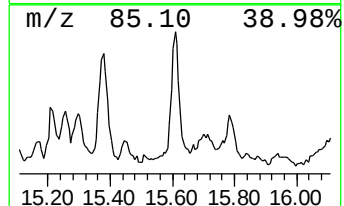
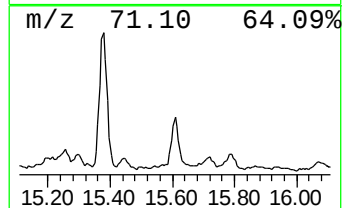
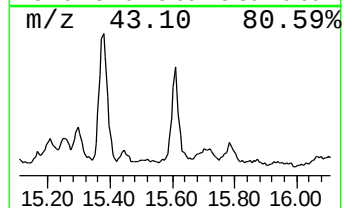
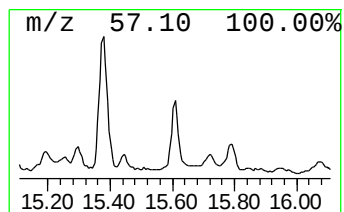
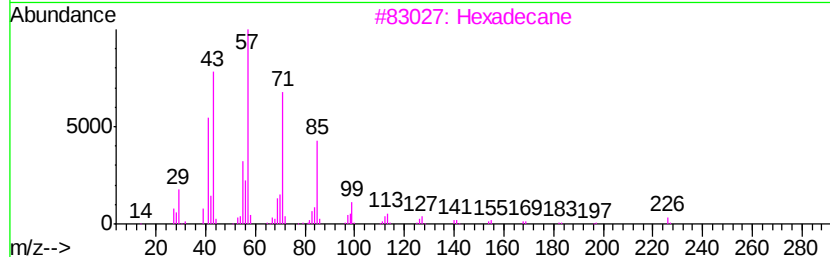
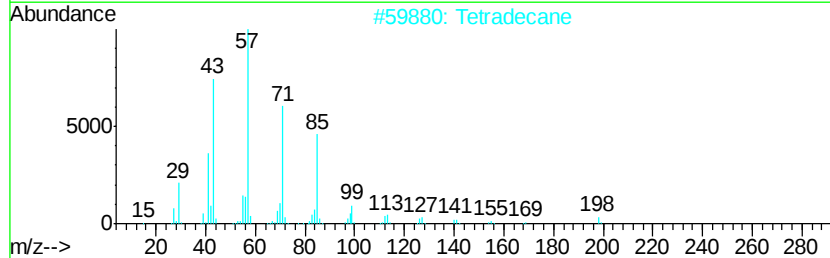
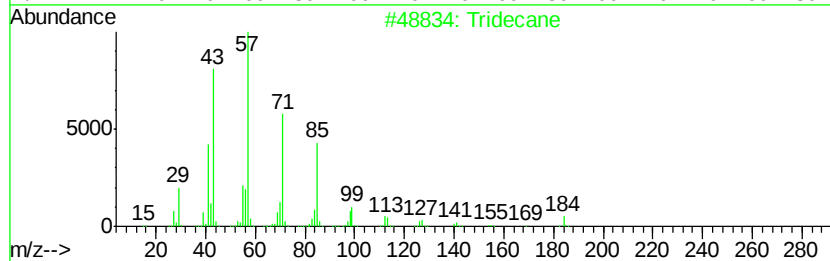
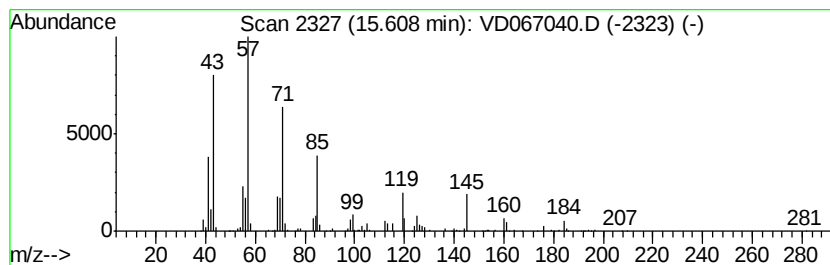
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Quant Title : SW846 8260

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

Peak Number 9 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	23.85 ug/l	1225210	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Tetradecane	198	C14H30	000629-59-4	52
3		Hexadecane	226	C16H34	000544-76-3	52
4		Dodecane	170	C12H26	000112-40-3	52
5		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100220\
Data File : VD067040.D
Acq On : 02 Oct 2020 17:20
Operator : VA/SY
Sample : L4213-12
Misc : 5.08G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

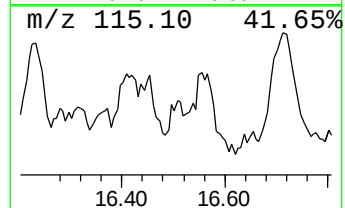
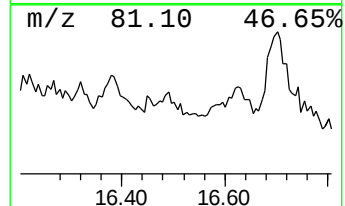
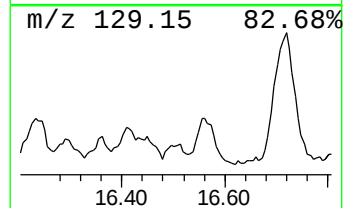
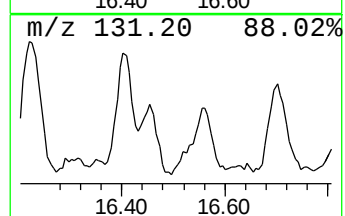
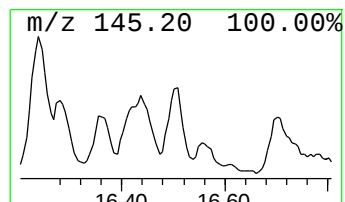
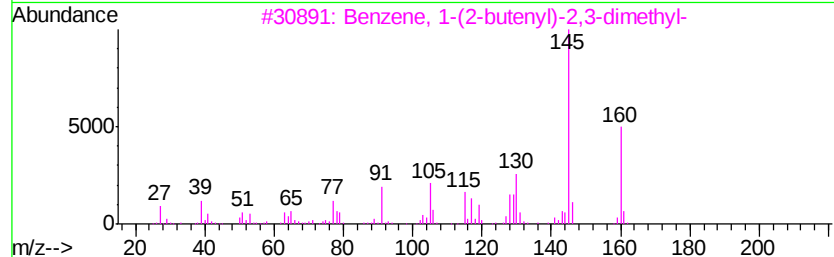
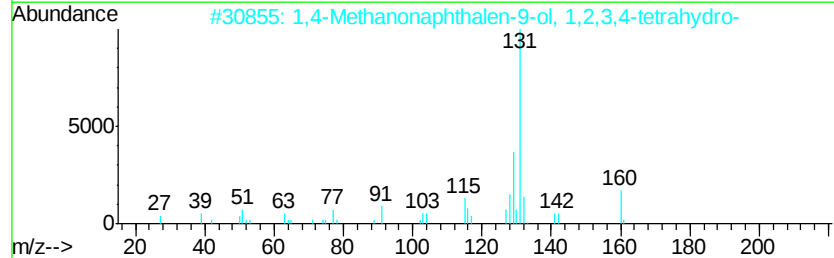
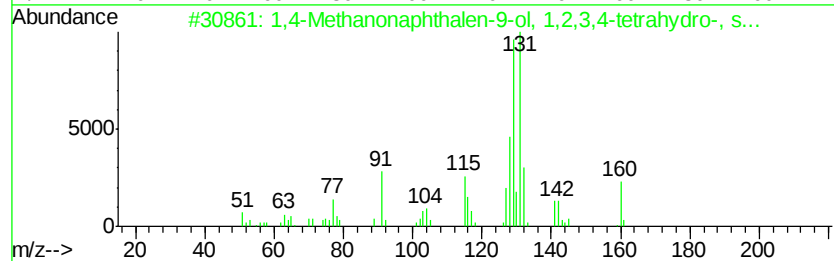
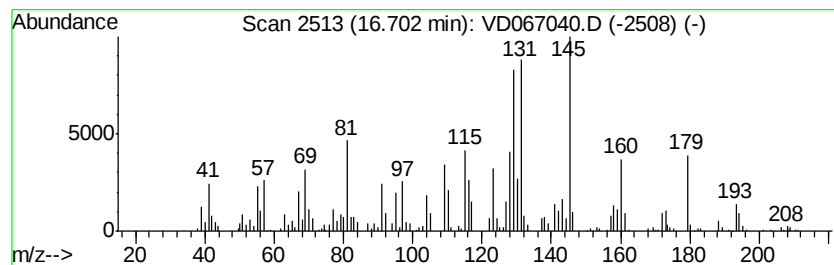
Instrument :
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ClientSampleId :
B-17(13-15)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260

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

Peak Number 10 1,4-Methanonaphthalen-9-ol,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	24.55 ug/l	1261270	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,4-Methanonaphthalen-9-ol, 1,2,...	160 C11H12O	001198-20-5	78
2	1,4-Methanonaphthalen-9-ol, 1,2,...	160 C11H12O	055255-94-2	30
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160 C12H16	054340-85-1	22
4	(1-Ethylbuta-1,3-dienyl)benzene	158 C12H14	1000210-05-6	20
5	Cyclopropene, 2,3-dimethyl-3-phe...	144 C11H12	1000162-49-5	18



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD100220\
Data File : VD067040.D
Acq On : 02 Oct 2020 17:20
Operator : VA/SY
Sample : L4213-12
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-17(13-15)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.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
2,4-Dimethyl-1,5-...	12.96	25.9	ug/l	1330470	4	13.58	2568720	50.0
Naphthalene, deca...	13.90	48.2	ug/l	2474490	4	13.58	2568720	50.0
Adamantane	14.29	18.5	ug/l	951501	4	13.58	2568720	50.0
trans-Decalin, 2-...	14.41	57.1	ug/l	2934480	4	13.58	2568720	50.0
Naphthalene, deca...	14.58	21.1	ug/l	1084280	4	13.58	2568720	50.0
Dodecane	14.76	20.9	ug/l	1071880	4	13.58	2568720	50.0
Undecane, 2,6-dim...	14.88	36.2	ug/l	1858470	4	13.58	2568720	50.0
Tridecane, 7-methyl-	15.38	43.1	ug/l	2217020	4	13.58	2568720	50.0
Tridecane	15.61	23.9	ug/l	1225210	4	13.58	2568720	50.0
1,4-Methanonaphth...	16.70	24.6	ug/l	1261270	4	13.58	2568720	50.0