

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102821\
 Data File : VD070893.D
 Acq On : 28 Oct 2021 15:27
 Operator : VA/SY
 Sample : M4372-13
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M

Title : SW846 8260

Signal : TIC: VD070893.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.150	371	379	392	rBV	28509	84396	1.61%	0.103%
2	4.962	505	517	525	rBV2	31226	100513	1.92%	0.122%
3	7.914	1007	1019	1024	rBV	340983	816827	15.60%	0.995%
4	7.979	1024	1030	1039	rVV	583501	1329488	25.39%	1.619%
5	8.326	1081	1089	1100	rVB2	260387	596391	11.39%	0.726%
6	8.861	1171	1180	1192	rBV	907938	1813628	34.64%	2.208%
7	9.314	1250	1257	1267	rBV7	35123	95785	1.83%	0.117%
8	9.620	1298	1309	1317	rBV5	30886	75224	1.44%	0.092%
9	9.767	1326	1334	1342	rVB4	35194	71454	1.36%	0.087%
10	10.091	1382	1389	1395	rBV3	30725	66474	1.27%	0.081%
11	10.332	1422	1430	1445	rBV	1490637	2847064	54.38%	3.467%
12	10.503	1452	1459	1468	rVB2	75517	173457	3.31%	0.211%
13	10.626	1471	1480	1483	rBV5	39619	82484	1.58%	0.100%
14	10.673	1483	1488	1494	rVV2	214132	393657	7.52%	0.479%
15	10.767	1497	1504	1510	rVV6	62920	145333	2.78%	0.177%
16	11.120	1559	1564	1567	rBV3	51786	100731	1.92%	0.123%
17	11.155	1567	1570	1575	rVV5	50250	79956	1.53%	0.097%
18	11.238	1578	1584	1589	rVV2	106728	200914	3.84%	0.245%
19	11.291	1589	1593	1598	rVV	112876	213346	4.07%	0.260%
20	11.332	1598	1600	1607	rVB7	44178	74589	1.42%	0.091%
21	11.444	1613	1619	1628	rVB	260680	482885	9.22%	0.588%
22	11.638	1644	1652	1662	rBV	1378537	2423409	46.29%	2.951%
23	11.773	1670	1675	1679	rVB	191052	295410	5.64%	0.360%
24	11.832	1679	1685	1689	rBV	128716	236035	4.51%	0.287%
25	11.902	1689	1697	1705	rVB5	212284	588263	11.24%	0.716%
26	11.985	1705	1711	1716	rBV5	107749	243922	4.66%	0.297%
27	12.044	1716	1721	1730	rVB	187280	368170	7.03%	0.448%
28	12.138	1730	1737	1744	rBV3	393520	1011169	19.31%	1.231%
29	12.202	1744	1748	1751	rBV2	204234	339796	6.49%	0.414%
30	12.344	1762	1772	1782	rVB6	366610	1246074	23.80%	1.517%
31	12.450	1782	1790	1794	rBV5	407360	921190	17.59%	1.122%
32	12.567	1806	1810	1814	rVB3	209994	326574	6.24%	0.398%
33	12.620	1814	1819	1825	rVB	1191242	1984493	37.90%	2.417%
34	12.708	1825	1834	1841	rBV8	405233	1399345	26.73%	1.704%
35	12.785	1842	1847	1854	rVB2	1125674	2155334	41.17%	2.625%
36	12.879	1854	1863	1869	rBV6	510520	1618305	30.91%	1.971%

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 Title : SW846 8260

37	12.955	1869	1876	1884	rBV8	605050	1871559	35.75%	2.279%
38	13.085	1894	1898	1903	rVB3	565055	907463	17.33%	1.105%
39	13.138	1903	1907	1908	rBV2	230851	268760	5.13%	0.327%
40	13.173	1909	1913	1916	rBV	694185	985214	18.82%	1.200%
41	13.273	1925	1930	1932	rBV2	459971	729262	13.93%	0.888%
42	13.302	1932	1935	1938	rVV3	492262	674787	12.89%	0.822%
43	13.344	1939	1942	1946	rVB4	314360	445798	8.51%	0.543%
44	13.391	1946	1950	1952	rBV3	298080	462276	8.83%	0.563%
45	13.491	1964	1967	1970	rBV2	222833	335968	6.42%	0.409%
46	13.561	1975	1979	1988	rVB	1444457	2826626	53.99%	3.442%
47	13.638	1988	1992	1996	rBV4	240834	462661	8.84%	0.563%
48	13.702	1998	2003	2007	rVB2	662821	1148053	21.93%	1.398%
49	13.749	2008	2011	2014	rBV5	208808	250743	4.79%	0.305%
50	13.885	2028	2034	2039	rBV3	1472148	2847495	54.39%	3.467%
51	13.991	2047	2052	2053	rBV2	747671	1023202	19.54%	1.246%
52	14.097	2067	2070	2074	rVB4	503678	633174	12.09%	0.771%
53	14.138	2074	2077	2084	rVB2	810009	1406158	26.86%	1.712%
54	14.202	2084	2088	2092	rBV5	420812	639228	12.21%	0.778%
55	14.267	2094	2099	2106	rBV4	1383301	2631929	50.27%	3.205%
56	14.349	2106	2113	2116	rBV7	677073	1682659	32.14%	2.049%
57	14.396	2116	2121	2123	rBV3	1653076	2741792	52.37%	3.339%
58	14.555	2140	2148	2152	rBV3	2294849	4640982	88.64%	5.651%
59	14.755	2178	2182	2186	rBV5	494238	812549	15.52%	0.989%
60	14.808	2188	2191	2194	rVV3	857816	1447747	27.65%	1.763%
61	14.855	2195	2199	2206	rVB2	2803997	5235724	100.00%	6.376%
62	14.985	2217	2221	2223	rBV3	707134	1163254	22.22%	1.416%
63	15.014	2224	2226	2231	rVB	1180640	1434774	27.40%	1.747%
64	15.144	2243	2248	2250	rBV3	947180	1585997	30.29%	1.931%
65	15.349	2278	2283	2289	rVB	2510570	4247798	81.13%	5.173%
66	15.426	2290	2296	2300	rBV4	1487795	3154380	60.25%	3.841%
67	15.596	2321	2325	2330	rBV6	644125	1317892	25.17%	1.605%
68	15.761	2349	2353	2360	rVB4	1504346	2955368	56.45%	3.599%
69	16.326	2445	2449	2457	rVB4	1166891	2339080	44.68%	2.848%
70	16.667	2502	2507	2514	rVB7	880602	1809438	34.56%	2.203%

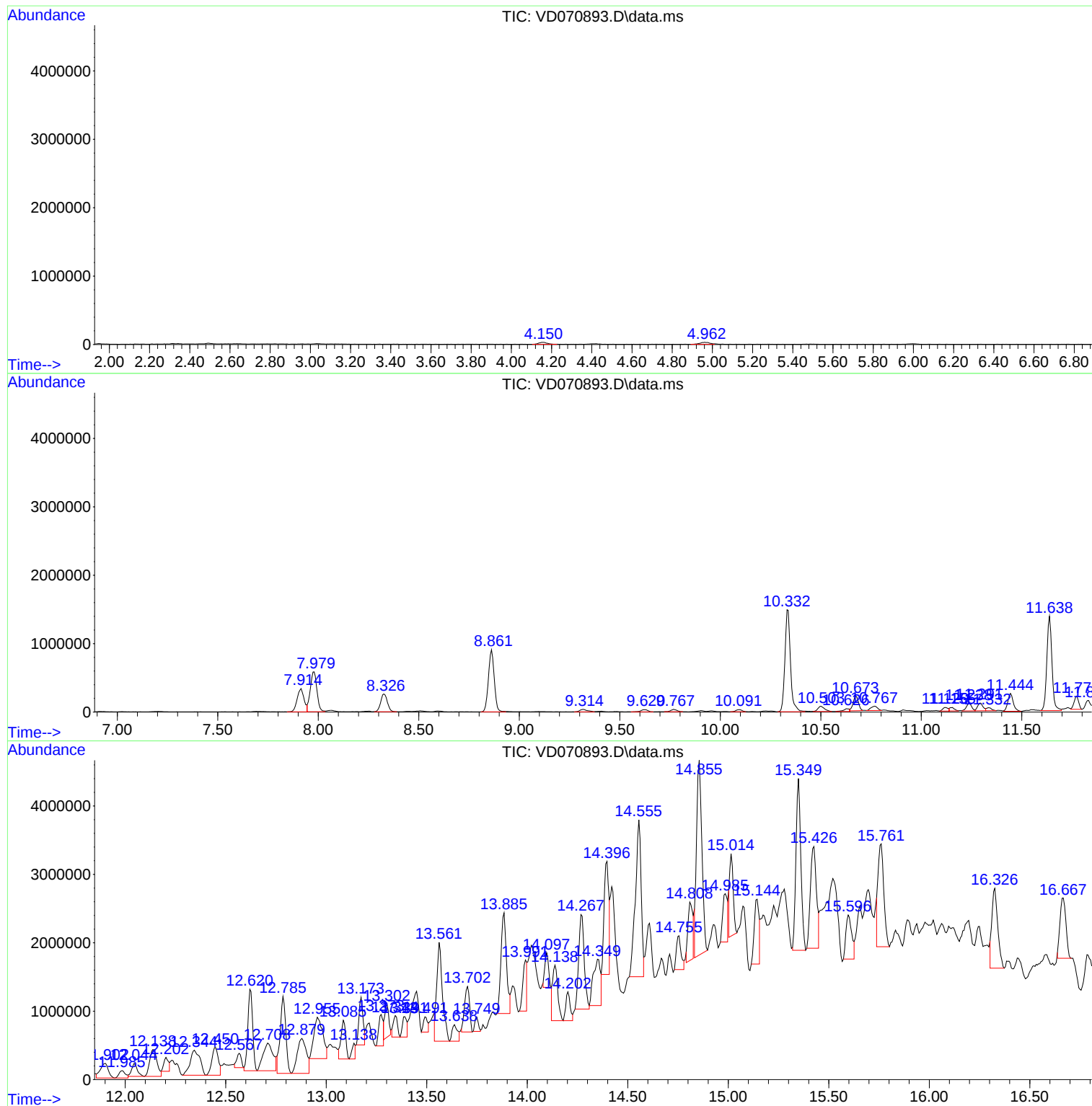
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Instrument :
MSVOA_D
ClientSampleId :
SB-7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Operator : VA/SY
Sample : M4372-13
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
SB-7

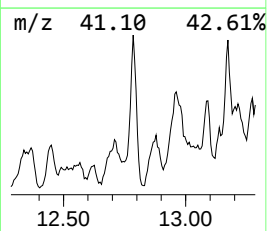
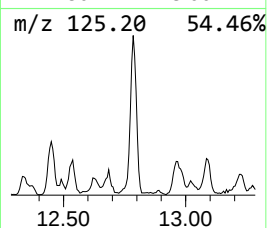
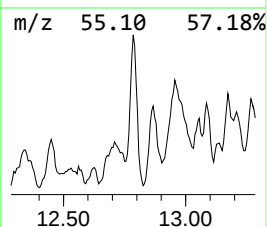
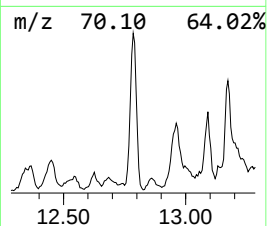
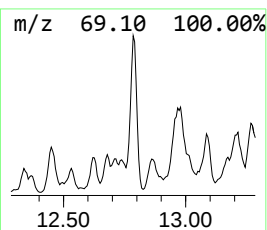
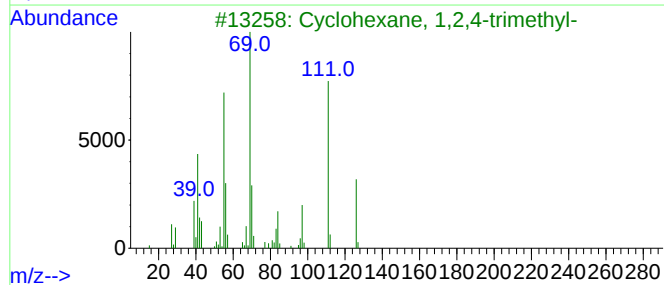
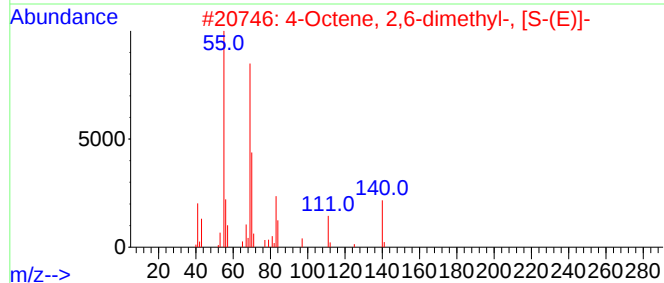
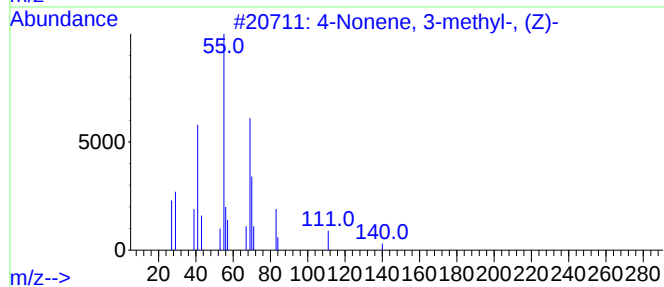
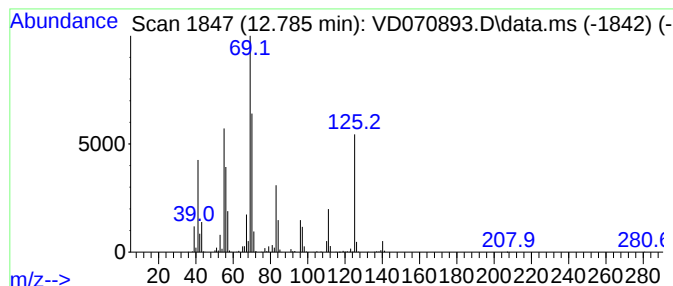
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 4-Nonene, 3-methyl-, (Z)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.785	38.13 ug/l	2155330	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	64
2			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	58
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	47
4			Cyclohexanone, 3,5-dimethyl-, cis-	126	C8H14O	007214-52-0	43
5			2-Methyl-2-octene	126	C9H18	016993-86-5	43



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Instrument :
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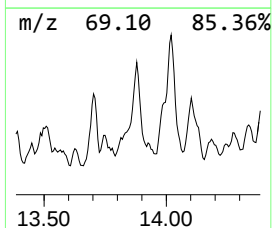
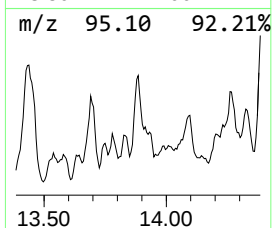
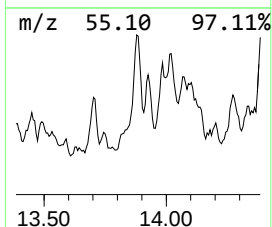
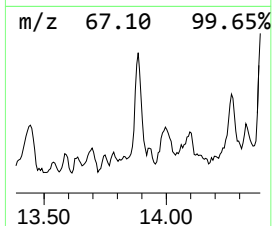
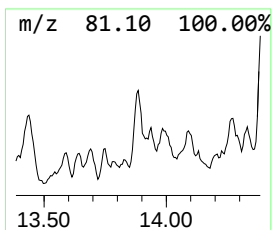
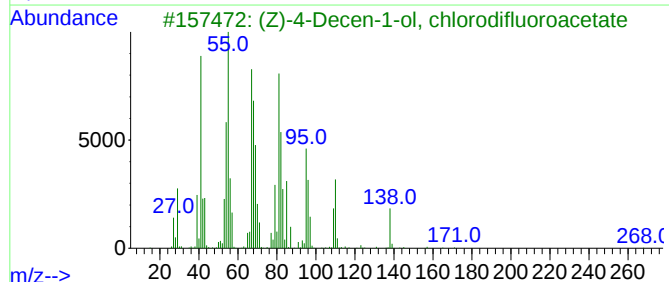
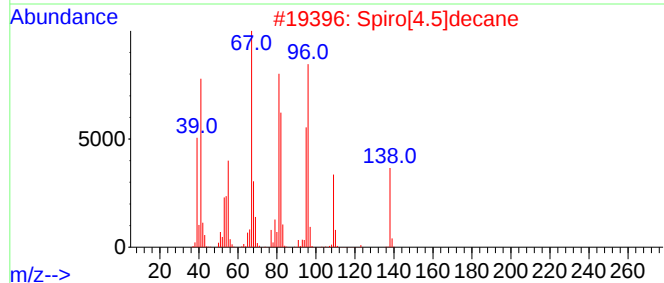
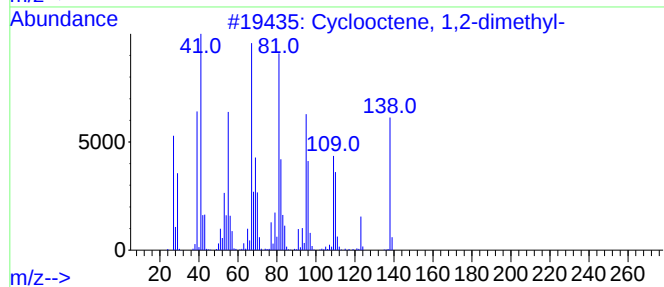
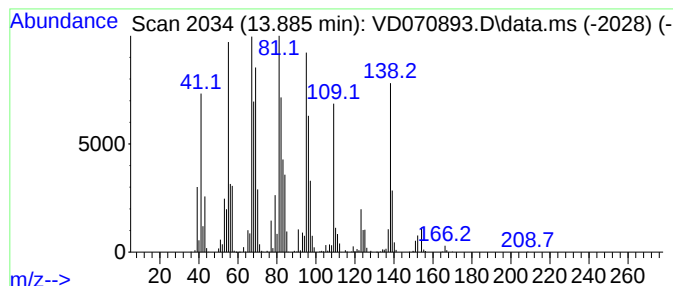
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclooctene, 1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.885	50.37 ug/l	2847500	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctene, 1,2-dimethyl-	138	C10H18	054299-96-6	76
2			Spiro[4.5]decane	138	C10H18	000176-63-6	70
3			(Z)-4-Decen-1-ol, chlorodifluoro...	268	C12H19ClF2O2	1000447-45-6	64
4			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	60
5			Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	60



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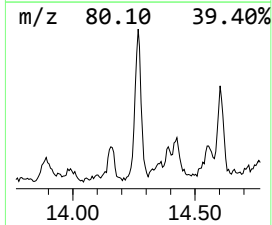
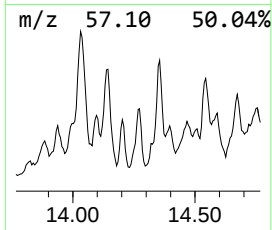
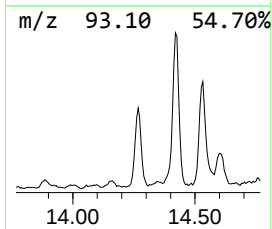
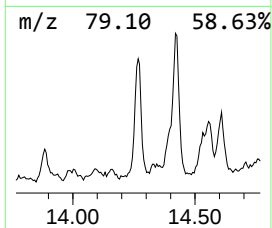
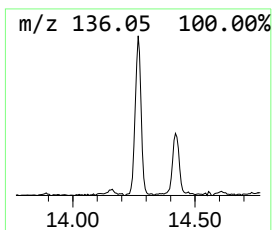
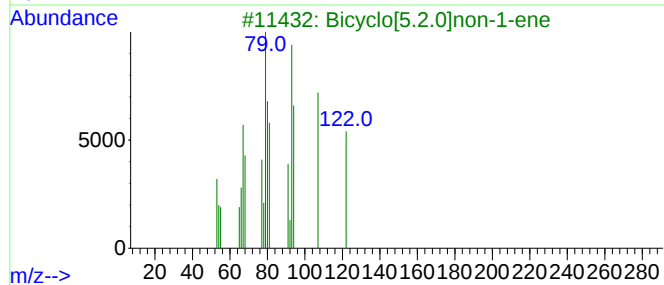
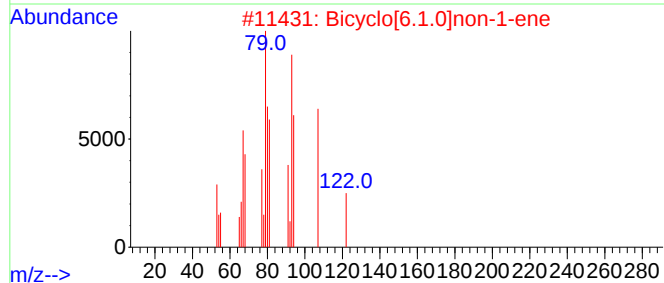
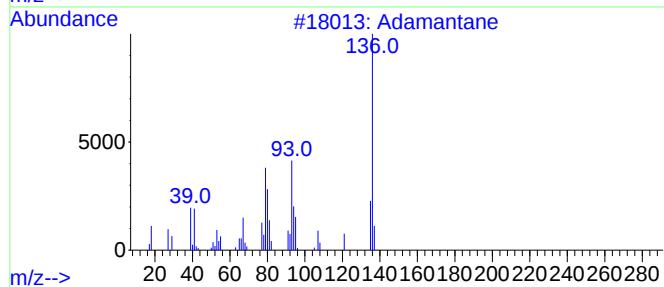
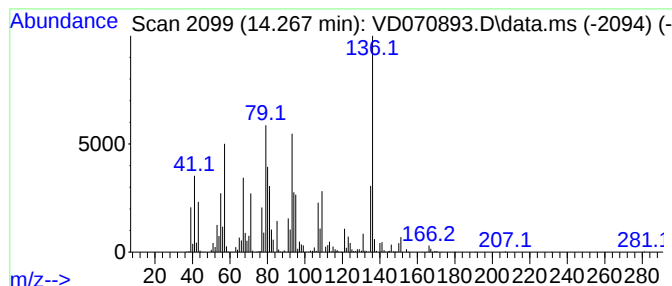
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Adamantane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.267	46.56 ug/l	2631930	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adamantane	136	C10H16	000281-23-2	93
2			Bicyclo[6.1.0]non-1-ene	122	C9H14	002570-06-1	50
3			Bicyclo[5.2.0]non-1-ene	122	C9H14	065811-17-8	43
4			Bicyclo[3.2.0]heptane, 2-methylene-	108	C8H12	089243-94-7	42
5			1-Naphthalenol, decahydro-, (1.a...	154	C10H18O	014759-74-1	38



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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
SB-7

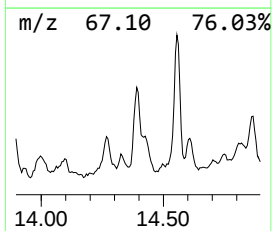
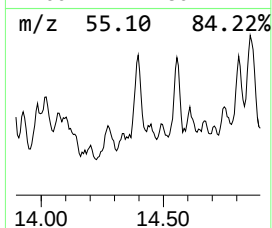
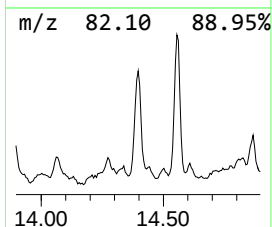
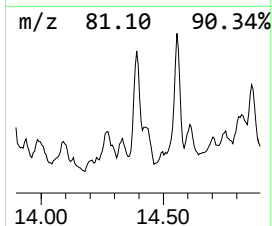
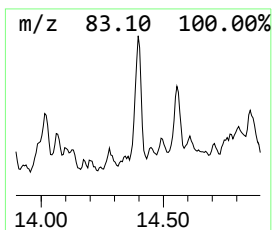
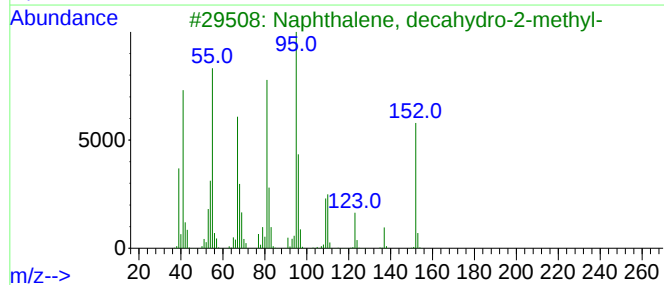
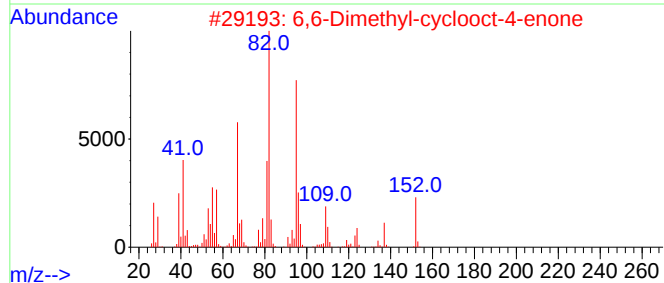
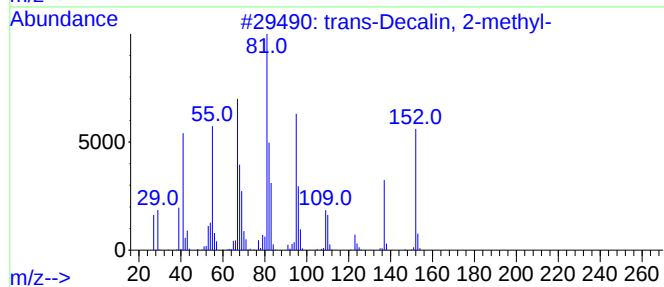
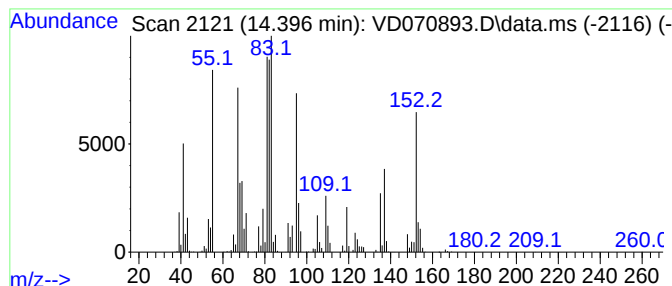
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 trans-Decalin, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.397	48.50 ug/l	2741790	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	50
2			6,6-Dimethyl-cyclooct-4-enone	152	C10H16O	1000194-10-0	45
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	41
4			Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	41
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102821\
Data File : VD070893.D
Acq On : 28 Oct 2021 15:27
Operator : VA/SY
Sample : M4372-13
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-7

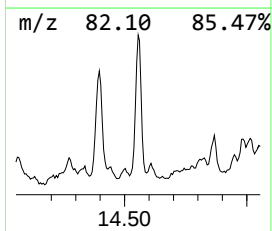
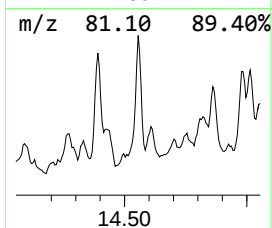
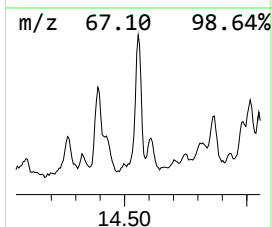
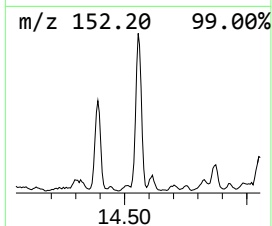
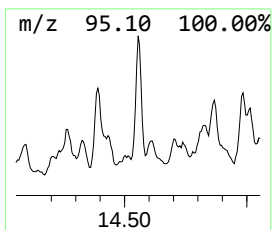
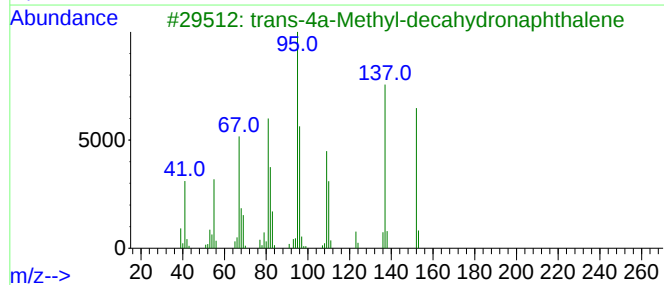
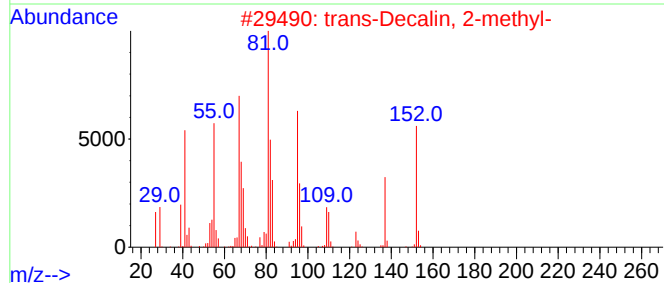
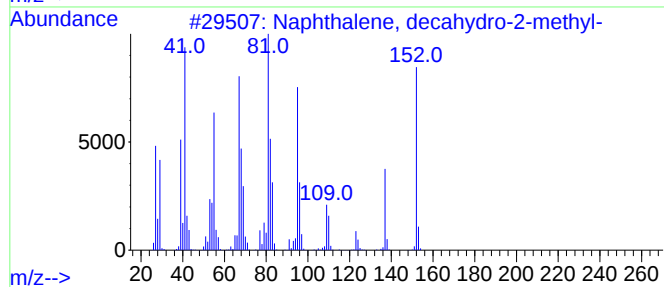
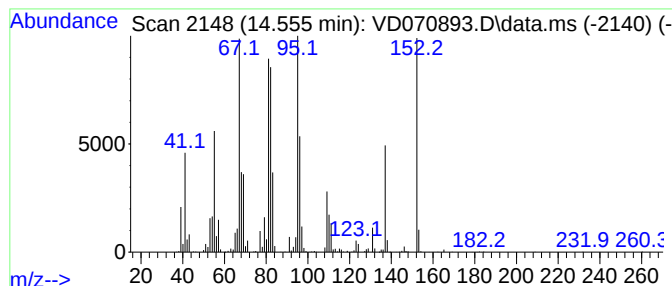
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.555	82.09 ug/l	4640980	1,4-Dichlorobenzene-d4	13.561

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	90
3			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
4			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	60
5			9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102821\
Data File : VD070893.D
Acq On : 28 Oct 2021 15:27
Operator : VA/SY
Sample : M4372-13
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

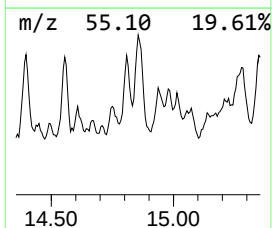
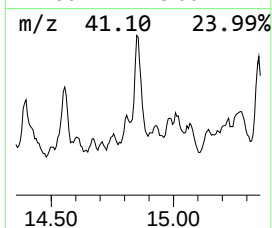
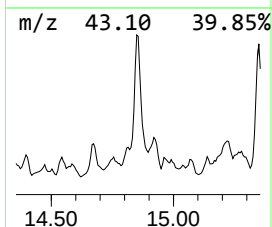
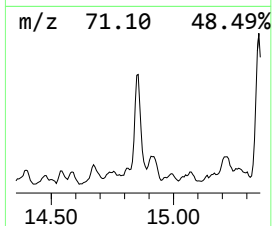
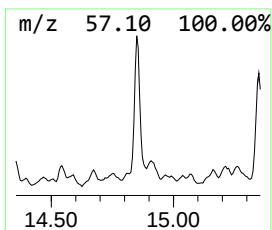
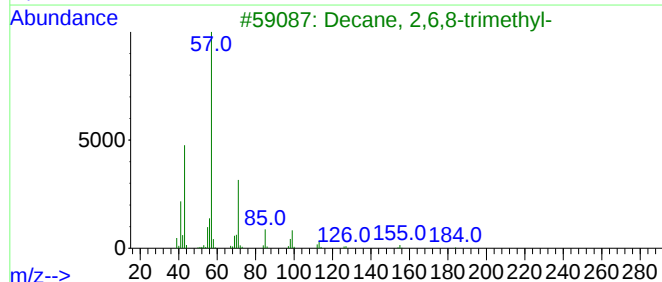
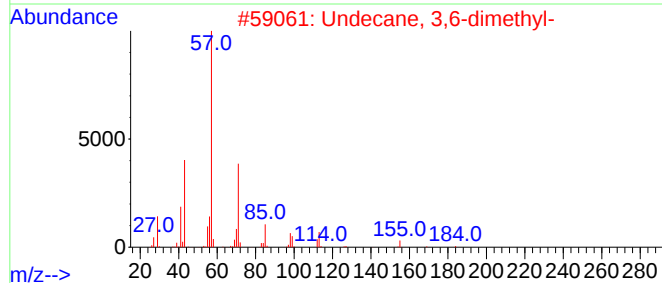
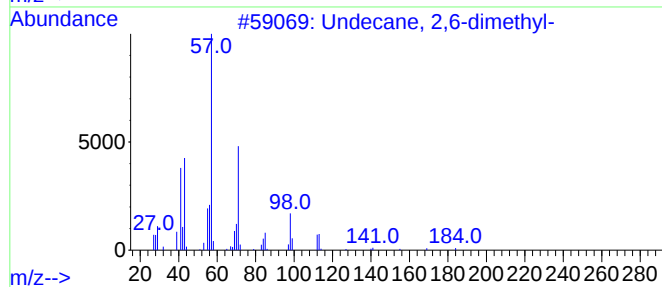
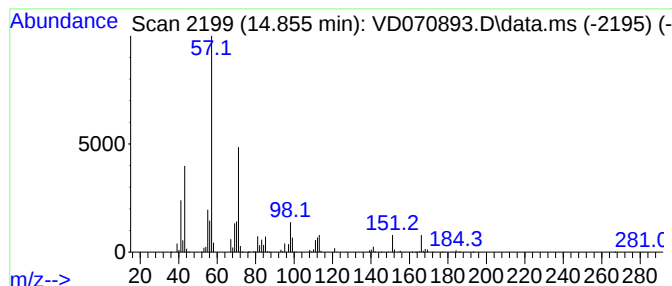
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MSVOA_D
ClientSampleId :
SB-7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.855	92.61 ug/l	5235720	1,4-Dichlorobenzene-d4	13.561	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
5	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102821\
Data File : VD070893.D
Acq On : 28 Oct 2021 15:27
Operator : VA/SY
Sample : M4372-13
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-7

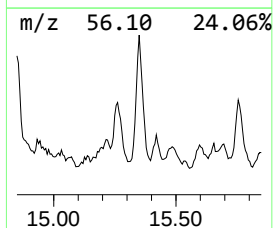
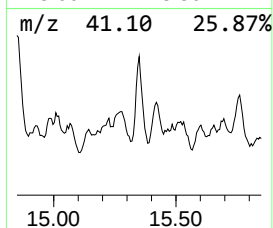
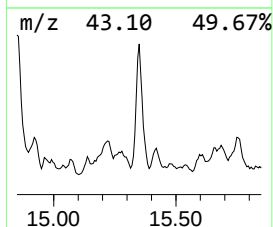
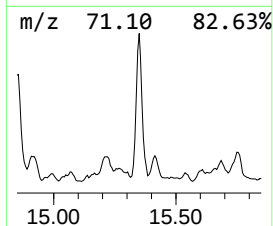
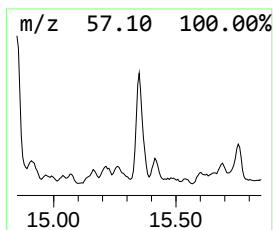
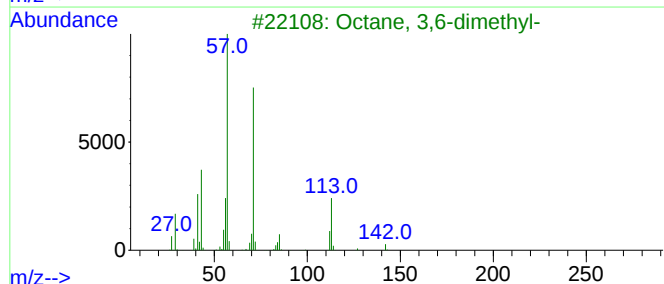
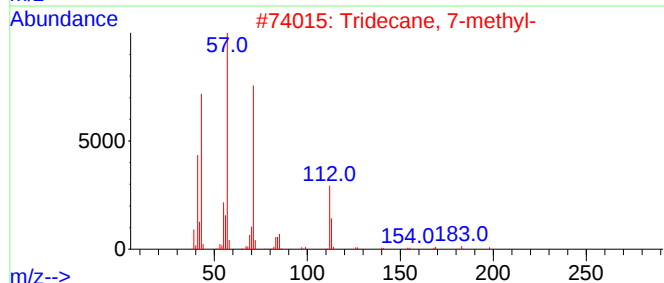
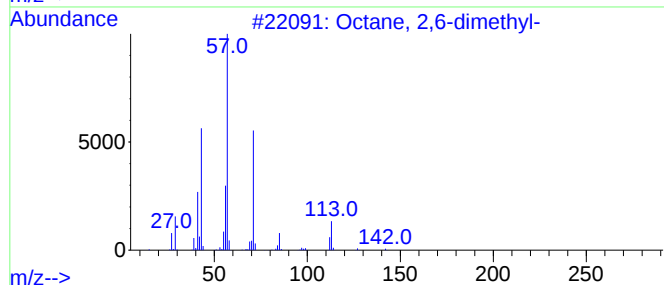
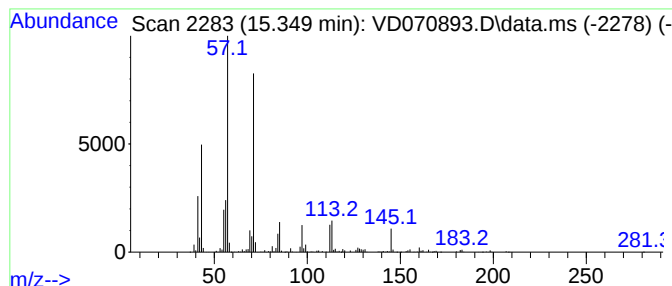
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.349	75.14 ug/l	4247800	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2			Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59
5			Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102821\
Data File : VD070893.D
Acq On : 28 Oct 2021 15:27
Operator : VA/SY
Sample : M4372-13
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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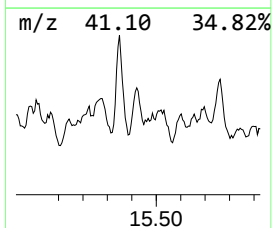
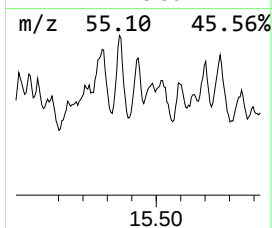
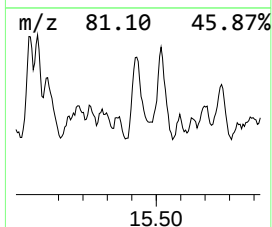
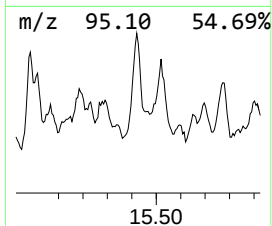
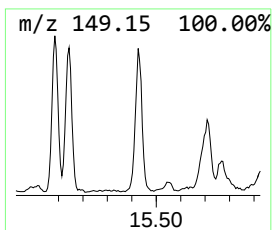
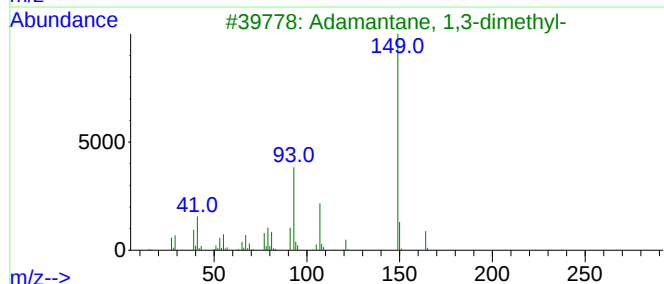
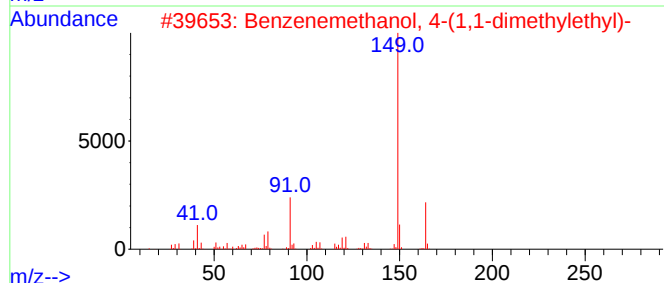
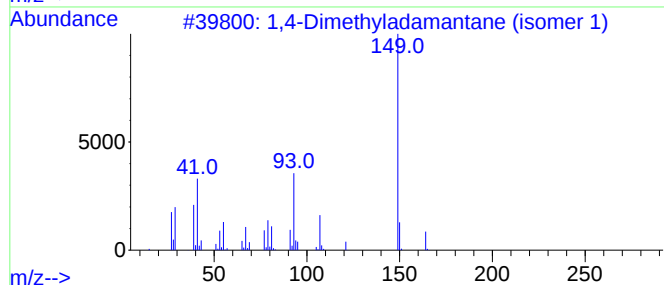
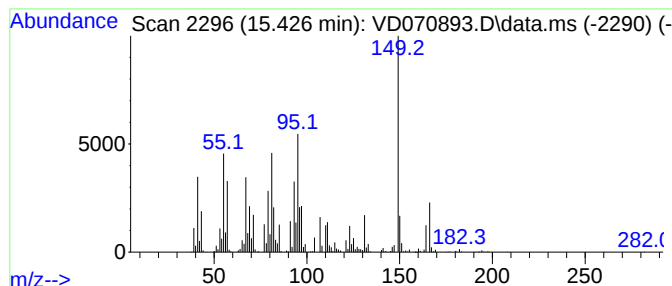
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown15.426 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.426	55.80 ug/l	3154380	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	41
2			Benzenemethanol, 4-(1,1-dimethyl...)	164	C11H16O	000877-65-6	38
3			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	38
4			5,7-Dimethyloctahydrocoumarin	182	C11H18O2	1000109-81-5	30
5			2'-Hydroxy-4',5'-dimethylacetoph...	164	C10H12O2	036436-65-4	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102821\
Data File : VD070893.D
Acq On : 28 Oct 2021 15:27
Operator : VA/SY
Sample : M4372-13
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-7

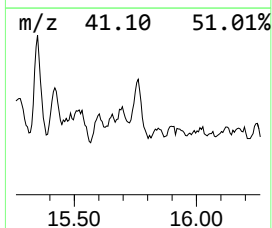
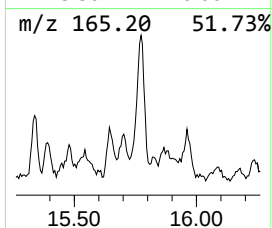
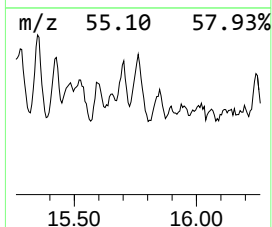
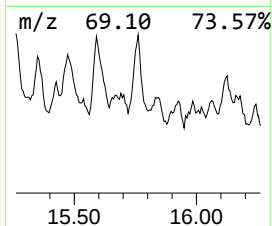
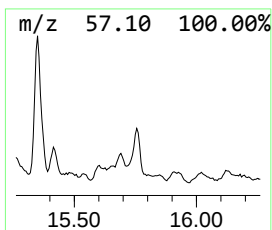
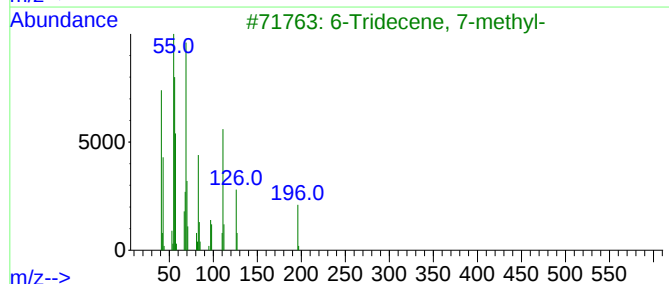
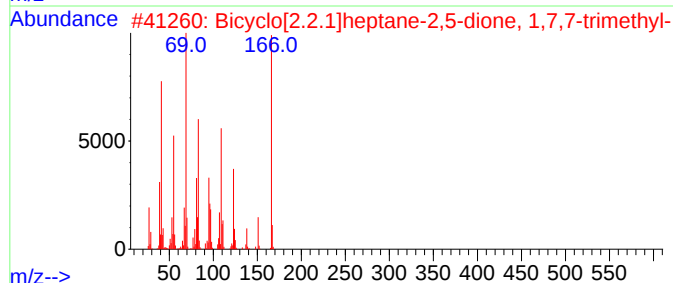
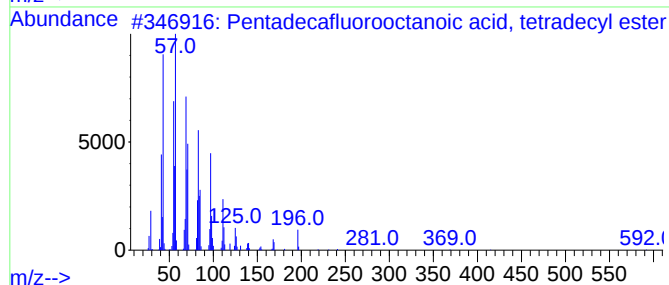
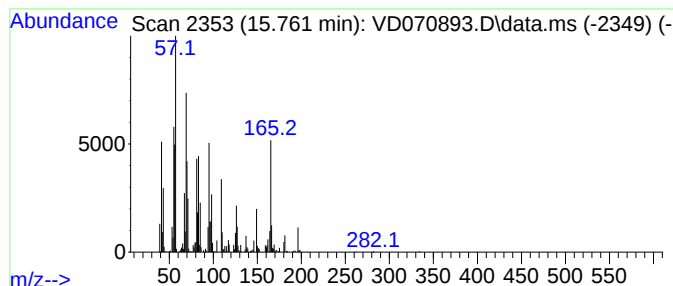
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown15.761 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.761	52.28 ug/l	2955370	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecafluorooctanoic acid, te...	610	C22H29F15O2	1000406-04-4	43
2			Bicyclo[2.2.1]heptane-2,5-dione,...	166	C10H14O2	004230-32-4	43
3			6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	38
4			Furan, 2,5-dihydro-3,4-dimethyl-	98	C6H10O	053720-72-2	38
5			7-Tetradecene	196	C14H28	010374-74-0	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102821\
Data File : VD070893.D
Acq On : 28 Oct 2021 15:27
Operator : VA/SY
Sample : M4372-13
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-7

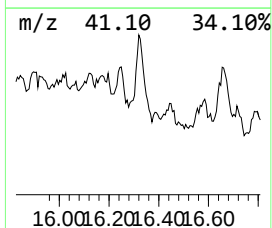
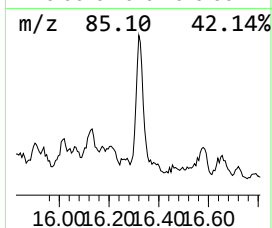
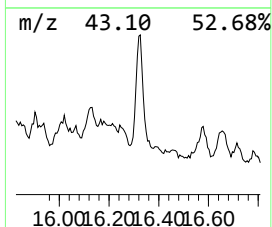
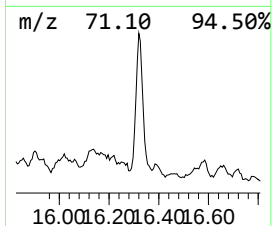
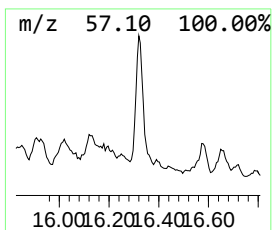
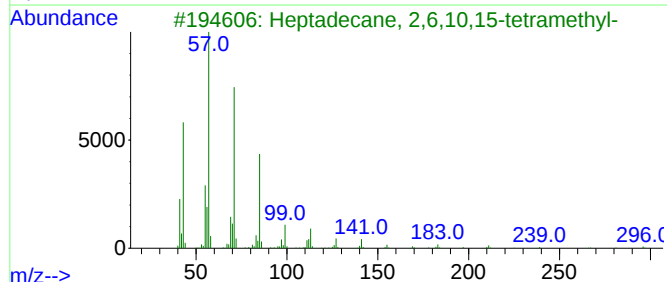
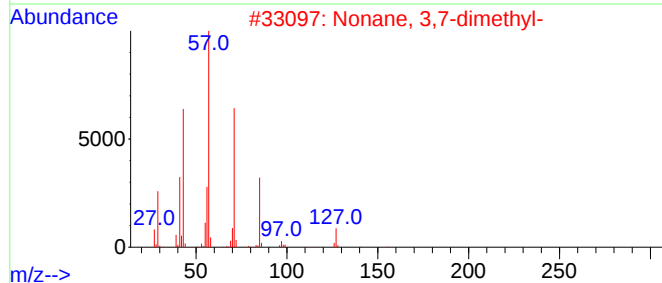
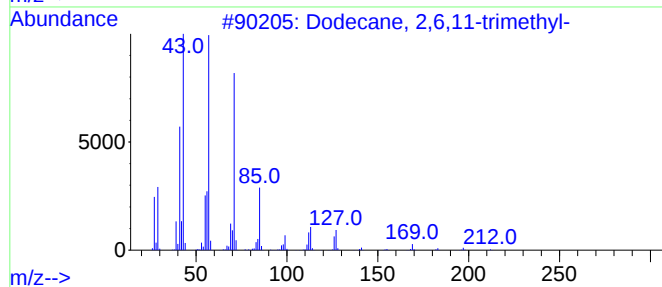
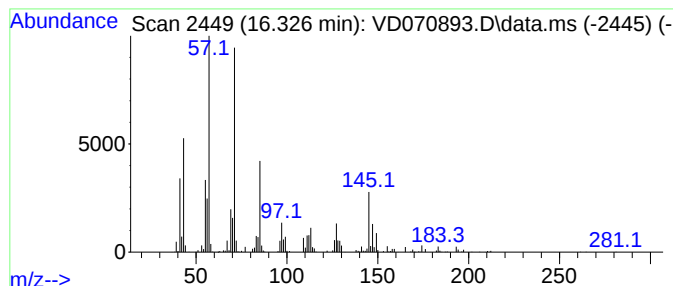
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dodecane, 2,6,11-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.326	41.38 ug/l	2339080	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	68
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102821\
Data File : VD070893.D
Acq On : 28 Oct 2021 15:27
Operator : VA/SY
Sample : M4372-13
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Cyclooctene, 1,...	13.885	50.4	ug/l	2847500	4	13.561	2826630	50.0
Adamantane	14.267	46.6	ug/l	2631930	4	13.561	2826630	50.0
trans-Decalin, ...	14.397	48.5	ug/l	2741790	4	13.561	2826630	50.0
Naphthalene, de...	14.555	82.1	ug/l	4640980	4	13.561	2826630	50.0
Undecane, 2,6-d...	14.855	92.6	ug/l	5235720	4	13.561	2826630	50.0
Octane, 2,6-dim...	15.349	75.1	ug/l	4247800	4	13.561	2826630	50.0
unknown15.426	15.426	55.8	ug/l	3154380	4	13.561	2826630	50.0
unknown15.761	15.761	52.3	ug/l	2955370	4	13.561	2826630	50.0
Dodecane, 2,6,1...	16.326	41.4	ug/l	2339080	4	13.561	2826630	50.0