

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
 Data File : VD071028.D
 Acq On : 15 Nov 2021 14:49
 Operator : VA/SY
 Sample : M4563-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1

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\82D110921S.M
 Title : SW846 8260

Signal : TIC: VD071028.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.209	44	49	53	rBV2	2380	3957	5.40%	0.671%
2	3.485	264	266	269	rBV	1014	1275	1.74%	0.216%
3	3.532	269	274	275	rVB2	941	1214	1.66%	0.206%
4	3.626	287	290	296	rVB2	775	1457	1.99%	0.247%
5	3.720	301	306	308	rVV2	1051	1203	1.64%	0.204%
6	3.820	321	323	327	rBV2	1360	2026	2.77%	0.344%
7	4.932	509	512	515	rVB2	1097	1216	1.66%	0.206%
8	5.367	581	586	589	rVB	1005	1676	2.29%	0.284%
9	5.526	610	613	615	rVB	1100	1170	1.60%	0.198%
10	5.626	628	630	633	rVB2	1152	1093	1.49%	0.185%
11	6.144	715	718	724	rBV2	797	1535	2.10%	0.260%
12	6.826	830	834	838	rVB2	681	1087	1.48%	0.184%
13	6.920	848	850	855	rBV2	718	1267	1.73%	0.215%
14	7.367	924	926	933	rVB3	1107	1652	2.26%	0.280%
15	7.820	1000	1003	1006	rBV	892	1146	1.56%	0.194%
16	7.902	1012	1017	1019	rBV3	1434	2252	3.07%	0.382%
17	7.967	1024	1028	1029	rBV2	2142	2225	3.04%	0.377%
18	8.167	1059	1062	1064	rVB	962	1092	1.49%	0.185%
19	8.332	1085	1090	1093	rBV3	1438	2108	2.88%	0.357%
20	8.579	1130	1132	1136	rVB2	1094	1609	2.20%	0.273%
21	8.720	1154	1156	1160	rVB	1128	1438	1.96%	0.244%
22	8.867	1174	1181	1186	rVB3	3658	7038	9.61%	1.194%
23	8.938	1191	1193	1196	rBV2	879	1123	1.53%	0.190%
24	9.179	1232	1234	1239	rVB2	927	1336	1.82%	0.227%
25	9.408	1269	1273	1278	rVB2	916	1710	2.33%	0.290%
26	10.102	1389	1391	1395	rVB2	1494	1591	2.17%	0.270%
27	10.226	1409	1412	1415	rBV	1255	1472	2.01%	0.250%
28	10.338	1426	1431	1436	rBV3	5129	9457	12.91%	1.604%
29	10.696	1491	1492	1495	rBV	1439	1120	1.53%	0.190%
30	10.773	1502	1505	1510	rVB2	918	1223	1.67%	0.207%
31	10.985	1538	1541	1542	rVB2	1112	1106	1.51%	0.188%
32	11.026	1542	1548	1550	rBV	1266	1856	2.53%	0.315%
33	11.343	1598	1602	1607	rVB2	1232	2054	2.80%	0.348%
34	11.608	1642	1647	1648	rBV2	841	1227	1.67%	0.208%
35	11.638	1648	1652	1658	rVB4	5009	7905	10.79%	1.341%
36	11.879	1692	1693	1696	rVB2	1343	1171	1.60%	0.199%

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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

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37	12.143	1734	1738	1739	rBV2	4439	5046	6.89%	0.856%
38	12.255	1753	1757	1762	rVB4	6198	10451	14.27%	1.772%
39	12.373	1768	1777	1781	rBV5	6192	13811	18.85%	2.342%
40	12.420	1784	1785	1787	rVB	1972	1346	1.84%	0.228%
41	12.443	1787	1789	1790	rBV	2115	1813	2.47%	0.307%
42	12.508	1798	1800	1801	rBV2	2104	2179	2.97%	0.370%
43	12.549	1804	1807	1813	rVB6	7649	13071	17.84%	2.217%
44	12.626	1816	1820	1825	rBV5	4512	9342	12.75%	1.584%
45	12.667	1825	1827	1831	rVB3	2354	2486	3.39%	0.422%
46	12.708	1831	1834	1837	rBV5	3013	4295	5.86%	0.728%
47	12.749	1839	1841	1843	rBV2	2195	1693	2.31%	0.287%
48	12.785	1844	1847	1853	rVB5	9989	16156	22.05%	2.740%
49	12.861	1853	1860	1861	rBV5	5549	7577	10.34%	1.285%
50	12.949	1868	1875	1880	rBV9	12015	29706	40.55%	5.038%
51	13.090	1895	1899	1903	rBV6	8813	15111	20.63%	2.563%
52	13.137	1903	1907	1909	rVV5	8592	13604	18.57%	2.307%
53	13.173	1909	1913	1920	rVB2	42776	72786	99.36%	12.343%
54	13.232	1920	1923	1928	rVB6	6391	9639	13.16%	1.635%
55	13.302	1932	1935	1940	rVB4	10246	12223	16.69%	2.073%
56	13.355	1940	1944	1948	rBV4	12567	22013	30.05%	3.733%
57	13.496	1964	1968	1971	rVB4	16756	21308	29.09%	3.613%
58	13.637	1989	1992	1995	rVB4	8417	9159	12.50%	1.553%
59	13.708	1998	2004	2005	rBV5	12437	21849	29.83%	3.705%
60	13.826	2018	2024	2026	rBV6	7023	13674	18.67%	2.319%
61	13.885	2029	2034	2039	rBV5	39199	73257	100.00%	12.423%
62	14.396	2117	2121	2126	rVB5	25603	42661	58.23%	7.235%
63	14.502	2137	2139	2142	rVV4	4523	3726	5.09%	0.632%
64	14.561	2144	2149	2154	rVB6	19956	32471	44.32%	5.506%
65	14.708	2172	2174	2175	rBV2	2622	1447	1.98%	0.245%
66	14.749	2178	2181	2183	rBV4	3398	4557	6.22%	0.773%
67	14.932	2210	2212	2213	rBV	2359	1495	2.04%	0.254%
68	14.990	2218	2222	2223	rBV4	3565	3681	5.02%	0.624%
69	15.008	2223	2225	2226	rBV2	2103	1502	2.05%	0.255%
70	15.155	2248	2250	2252	rBV	1862	1496	2.04%	0.254%
71	15.220	2259	2261	2262	rVB	2256	1445	1.97%	0.245%
72	15.231	2262	2263	2267	rBV2	1835	2115	2.89%	0.359%
73	15.349	2281	2283	2286	rBV2	1193	1358	1.85%	0.230%
74	15.537	2312	2315	2318	rBV3	1749	2670	3.64%	0.453%
75	15.608	2325	2327	2329	rBV3	1468	1213	1.66%	0.206%
76	15.690	2339	2341	2343	rBV3	1912	1921	2.62%	0.326%

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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

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Peak separation: 5

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77	16.055	2402	2403	2405	rBV2	1855	1558	2.13%	0.264%
78	16.131	2412	2416	2417	rBV3	2786	2912	3.98%	0.494%
79	16.408	2459	2463	2466	rBV4	1719	2778	3.79%	0.471%

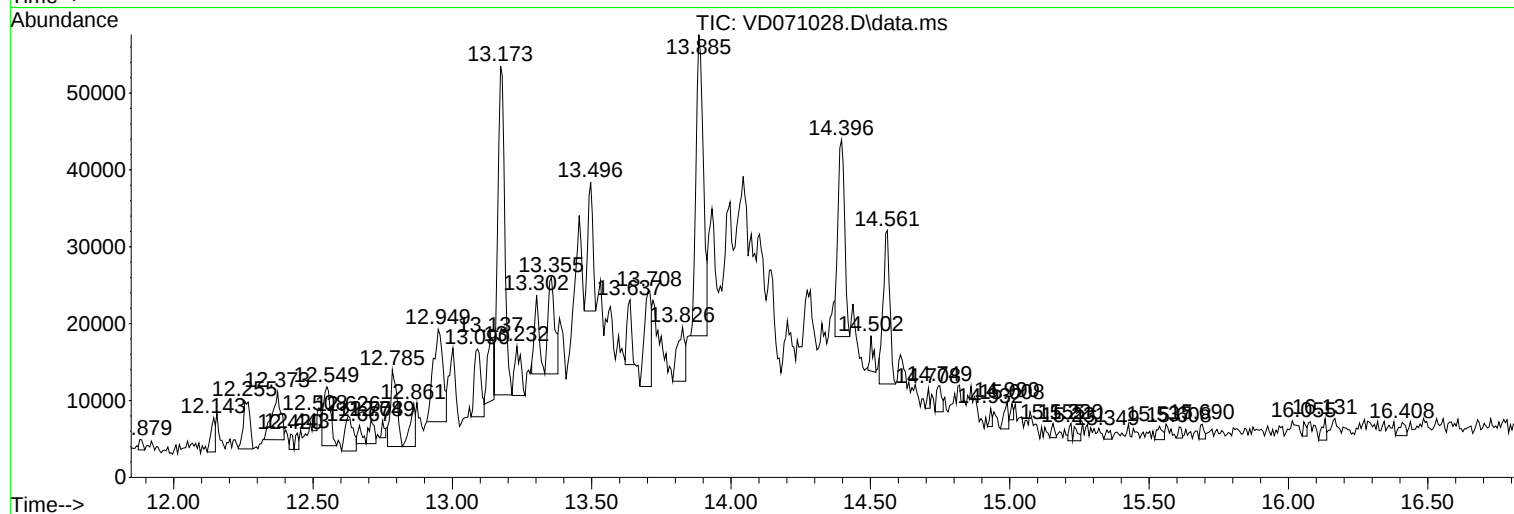
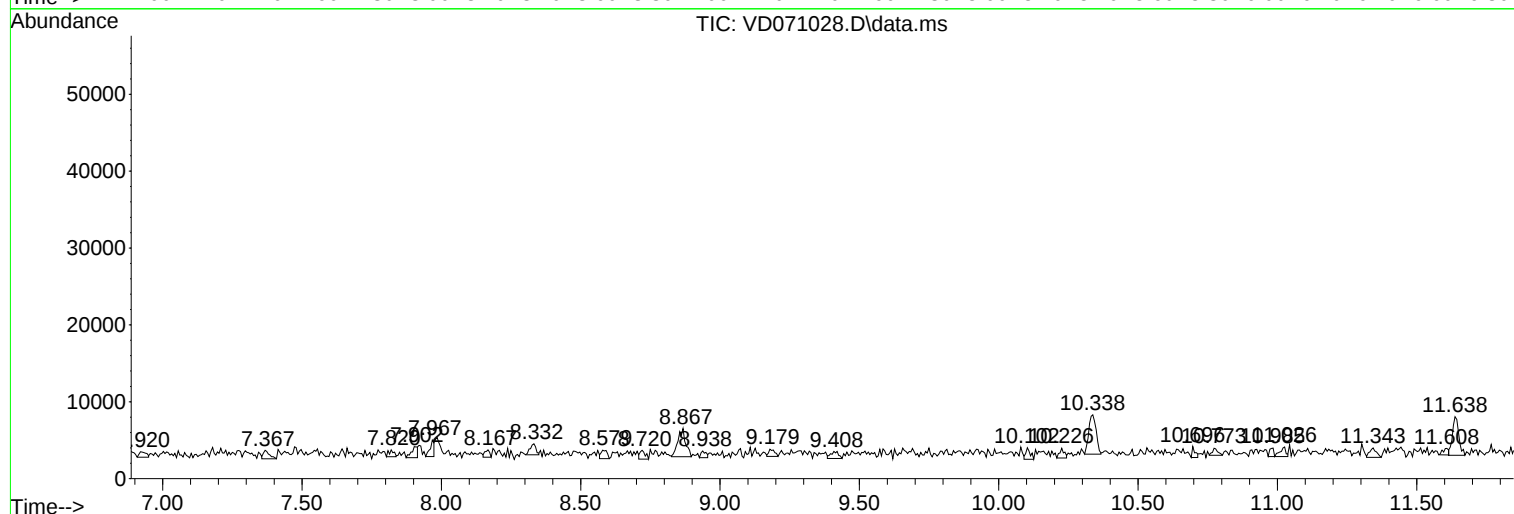
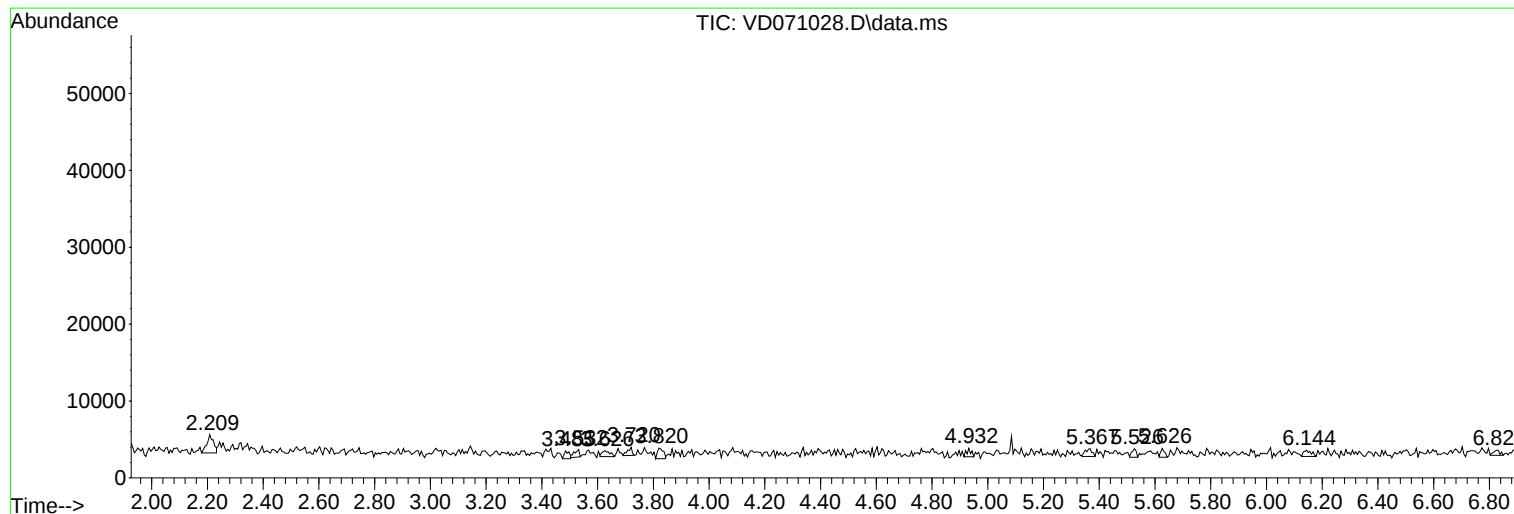
Sum of corrected areas: 589688

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260

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



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Operator : VA/SY
Sample : M4563-01
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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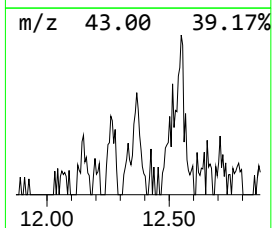
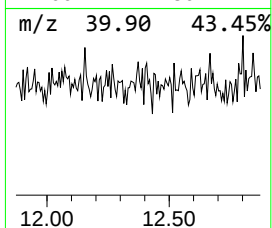
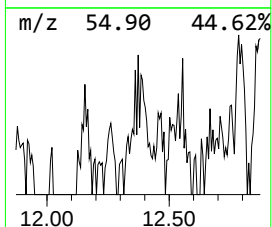
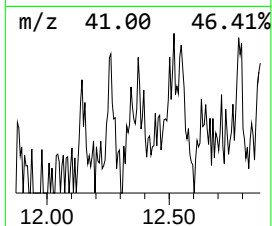
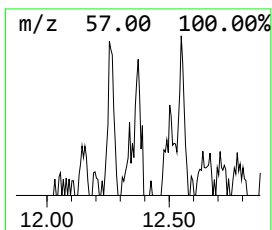
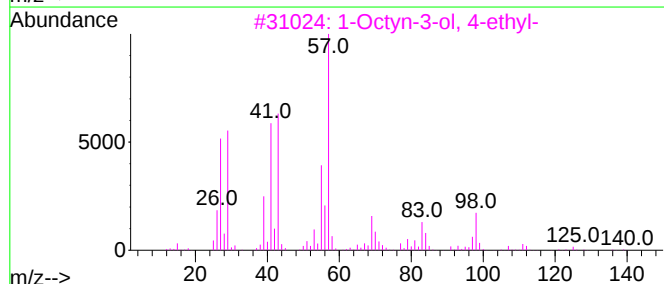
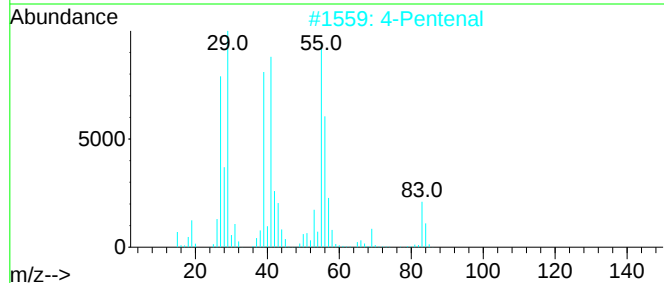
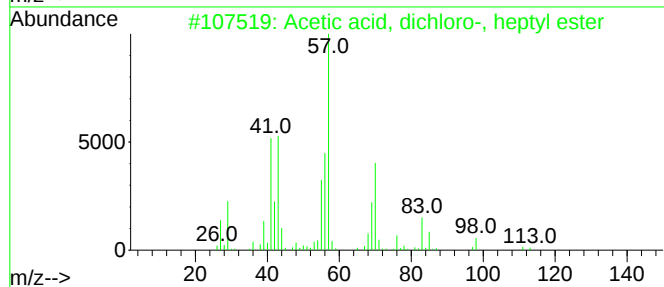
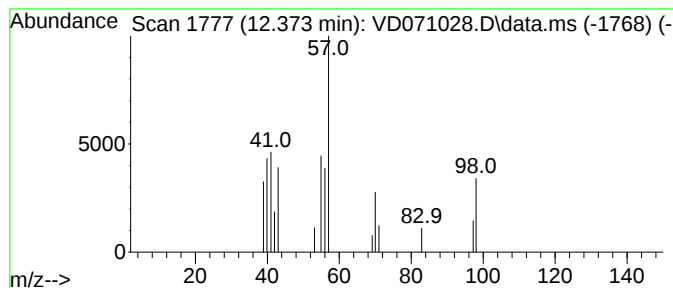
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown12.373 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.373	87.36 ug/l	13811	Chlorobenzene-d5	11.643

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, dichloro-, heptyl e...	226	C9H16Cl2O2	083004-97-1	40
2			4-Pentenal	84	C5H8O	002100-17-6	9
3			1-Octyn-3-ol, 4-ethyl-	154	C10H18O	005877-42-9	9
4			Propanoic acid, pentyl ester	144	C8H16O2	000624-54-4	9
5			3-Methylhexan-1-amine	115	C7H17N	065530-93-0	9



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Misc : 5.02G/5.00ml/MSVOA_D/SOIL
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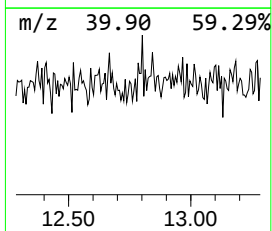
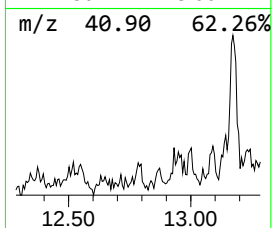
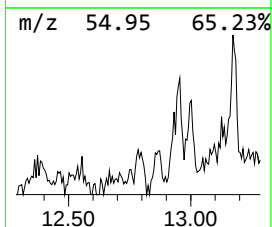
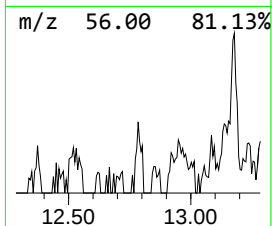
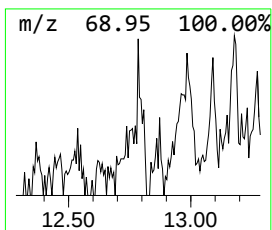
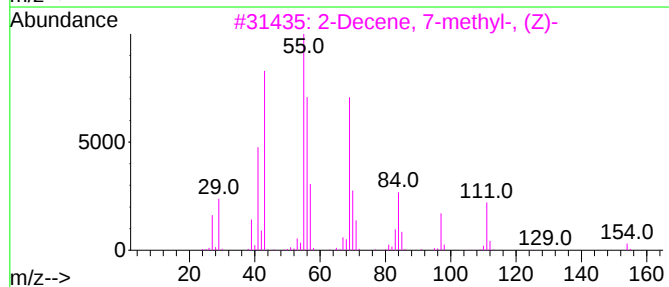
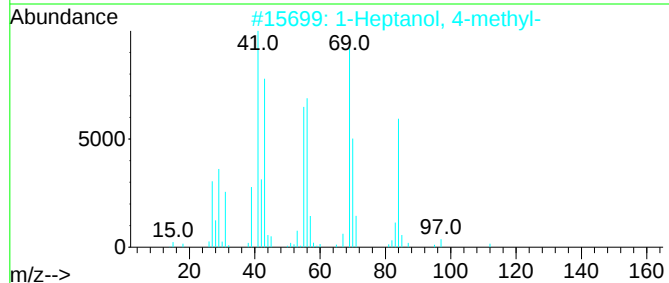
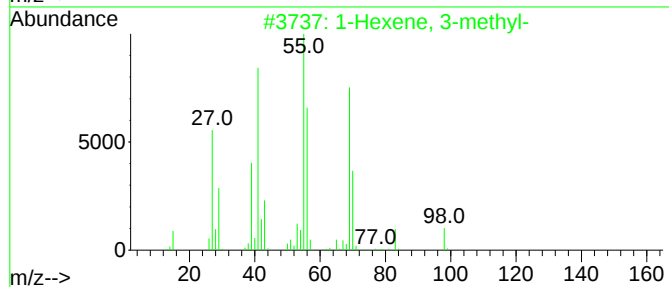
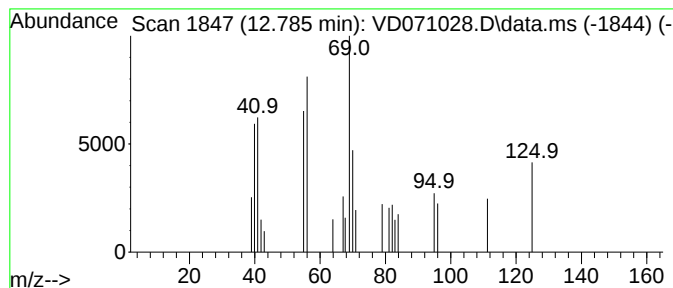
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown12.785 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.785	88.20 ug/l	16156	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3-methyl-			98	C7H14	003404-61-3	43
2	1-Heptanol, 4-methyl-			130	C8H18O	000817-91-4	37
3	2-Decene, 7-methyl-, (Z)-			154	C11H22	074630-23-2	37
4	1-Nonanol			144	C9H20O	000143-08-8	22
5	1-Octanol, 3,7-dimethyl-			158	C10H22O	000106-21-8	22



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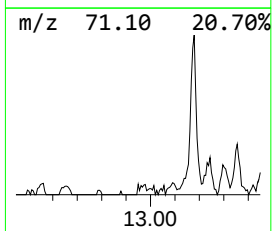
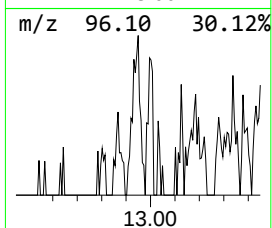
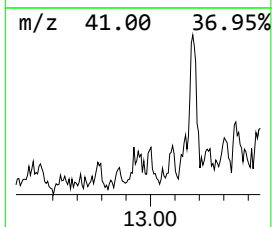
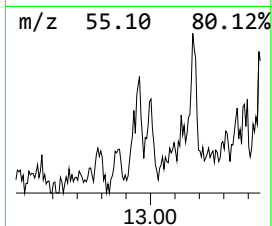
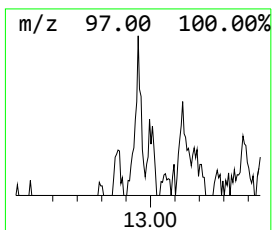
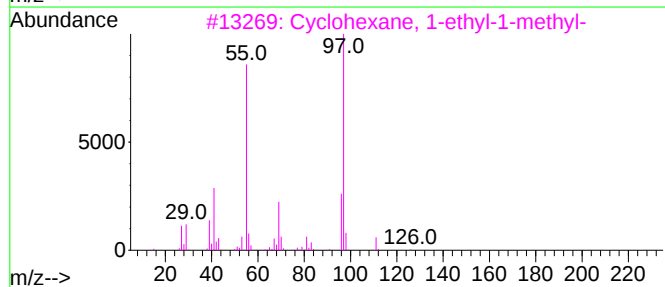
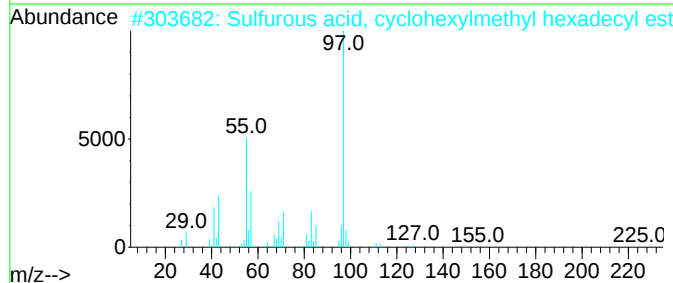
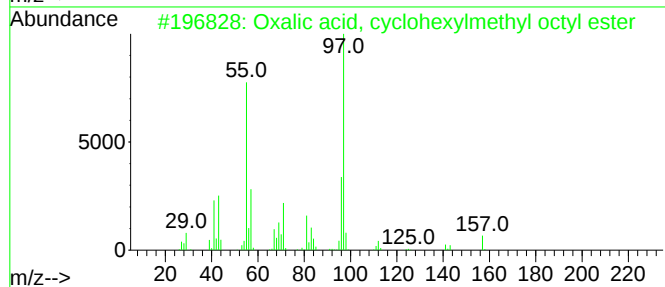
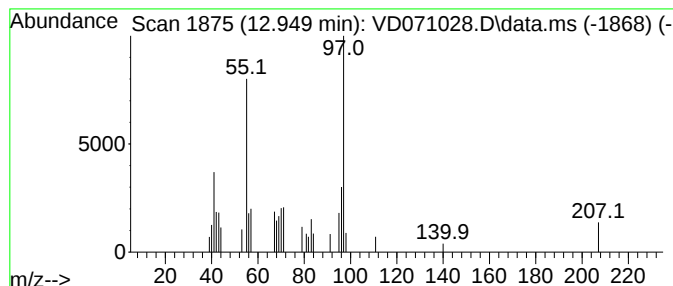
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260

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

Peak Number 4 Oxalic acid, cyclohexylmeth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.949	162.17 ug/l	29706	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	64
2			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	59
3			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53
4			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	53
5			Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	53



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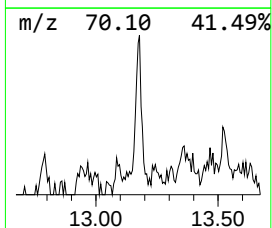
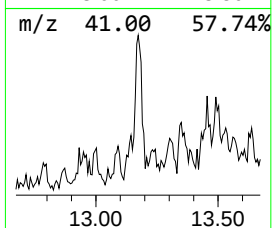
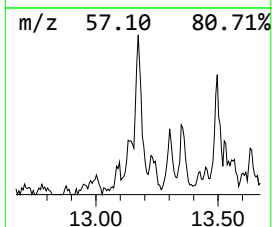
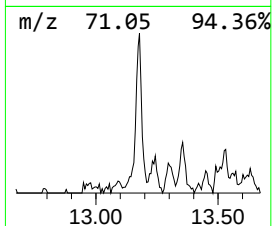
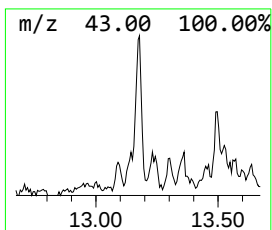
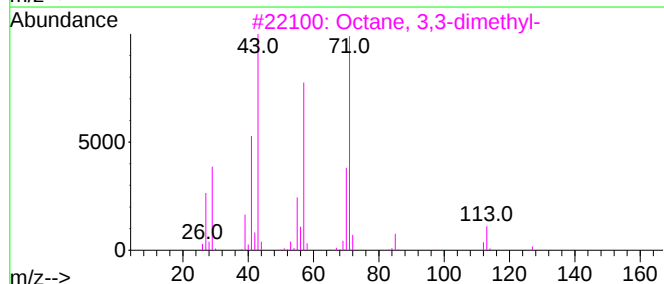
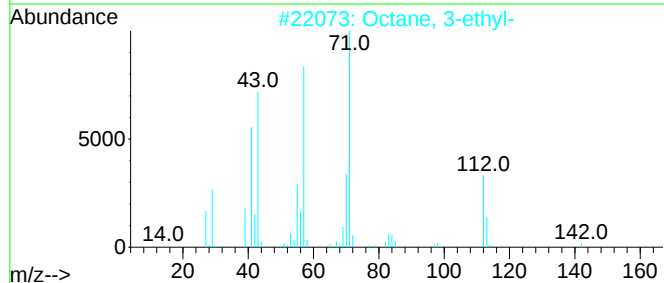
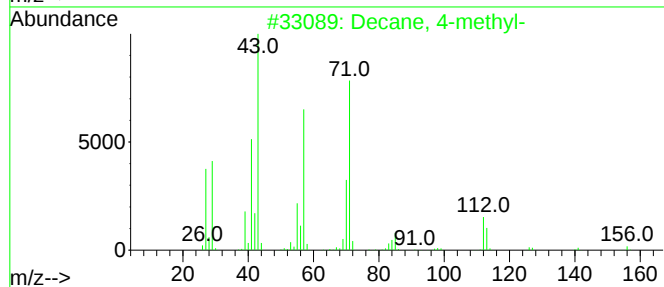
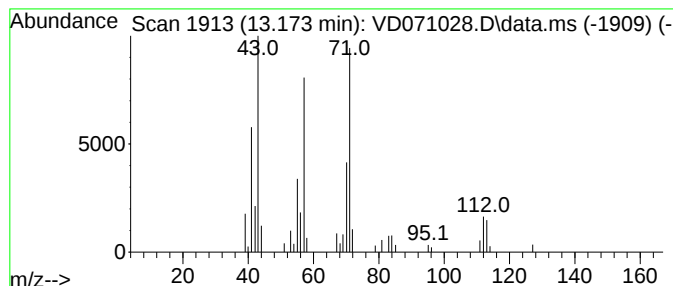
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.173	397.35 ug/l	72786	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	78
2			Octane, 3-ethyl-	142	C10H22	005881-17-4	64
3			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
4			Undecane, 4-methyl-	170	C12H26	002980-69-0	64
5			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
Data File : VD071028.D
Acq On : 15 Nov 2021 14:49
Operator : VA/SY
Sample : M4563-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-1

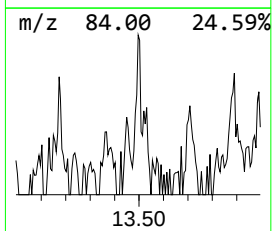
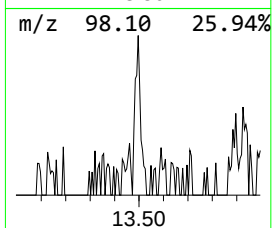
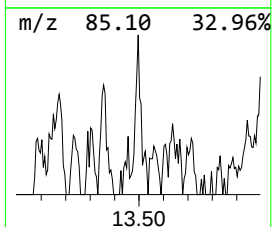
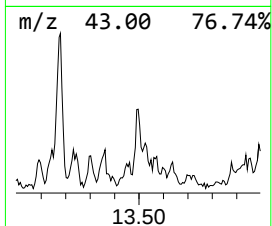
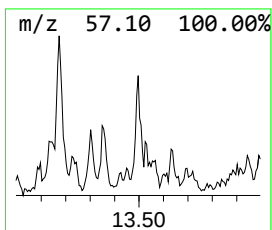
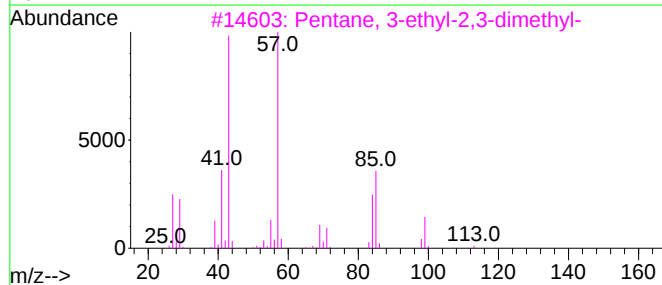
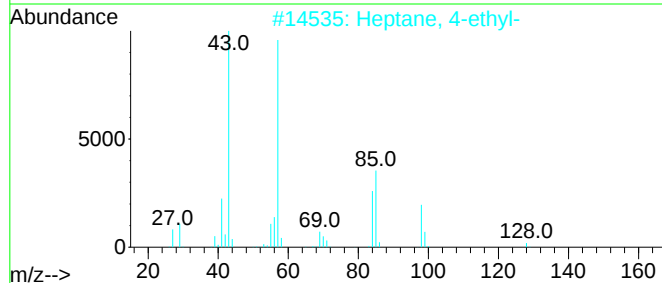
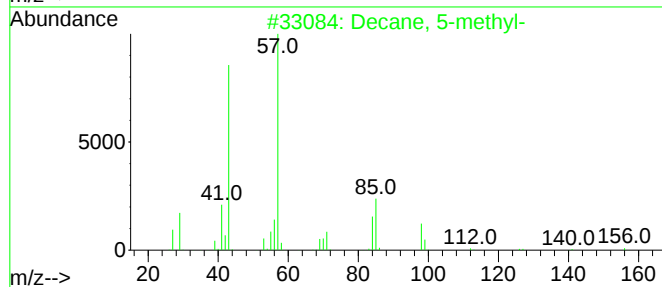
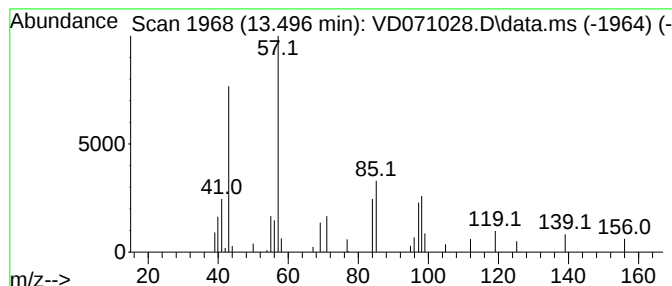
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Quant Title : SW846 8260

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

Peak Number 6 Decane, 5-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.496	116.32 ug/l	21308	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	52
2			Heptane, 4-ethyl-	128	C9H20	002216-32-2	38
3			Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	35
4			Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	35
5			Octane, 2-methyl-	128	C9H20	003221-61-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
Data File : VD071028.D
Acq On : 15 Nov 2021 14:49
Operator : VA/SY
Sample : M4563-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-1

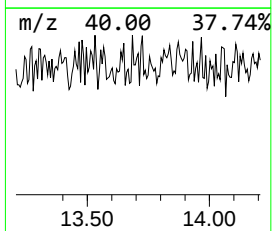
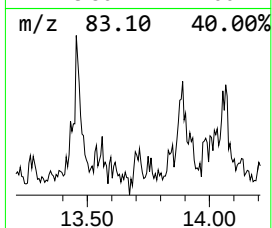
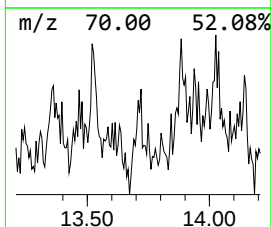
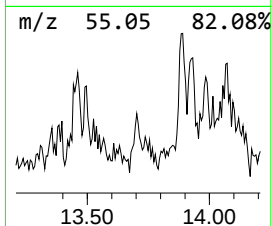
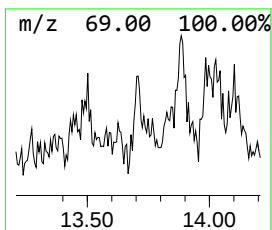
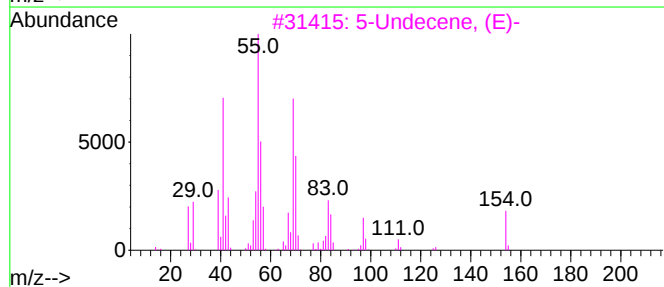
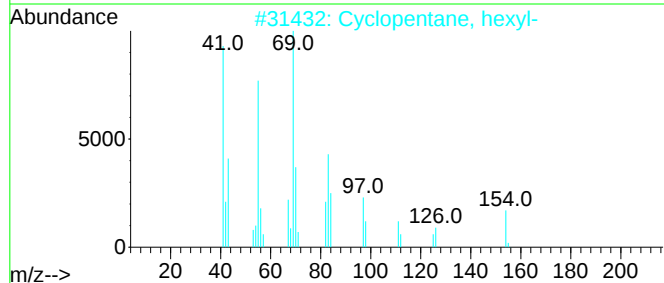
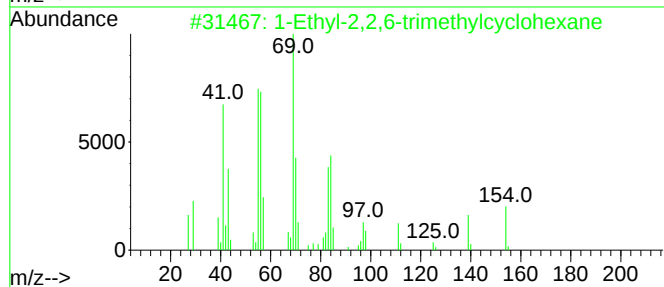
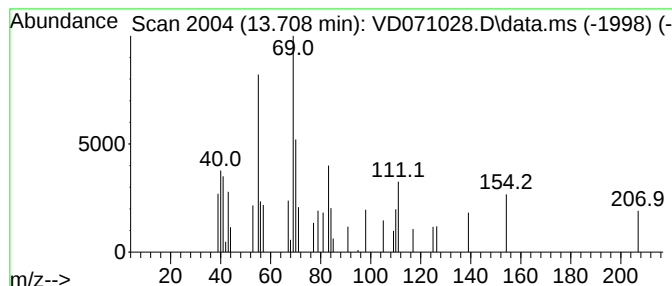
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Quant Title : SW846 8260

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

Peak Number 7 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.708	119.28 ug/l	21849	1,4-Dichlorobenzene-d4	13.573

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	58
2		Cyclopentane, hexyl-	154	C11H22	004457-00-5	58
3		5-Undecene, (E)-	154	C11H22	000764-97-6	58
4		Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	50
5		Cyclopentane, butyl-	126	C9H18	002040-95-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
Data File : VD071028.D
Acq On : 15 Nov 2021 14:49
Operator : VA/SY
Sample : M4563-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-1

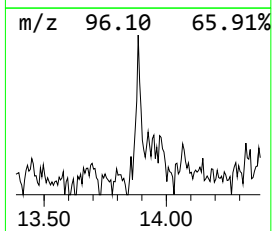
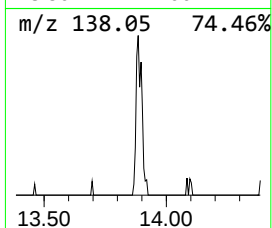
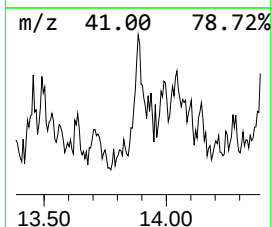
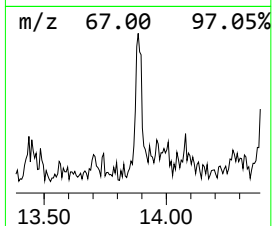
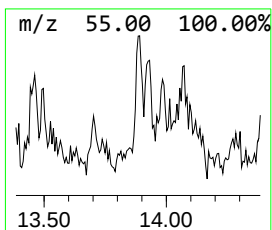
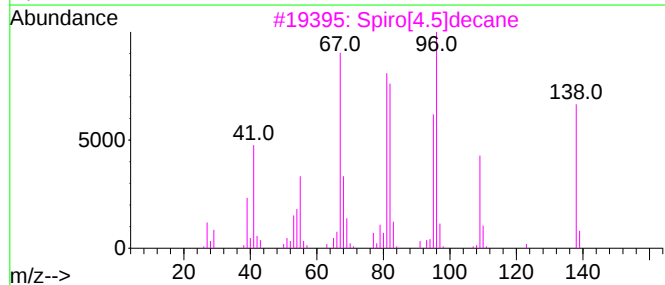
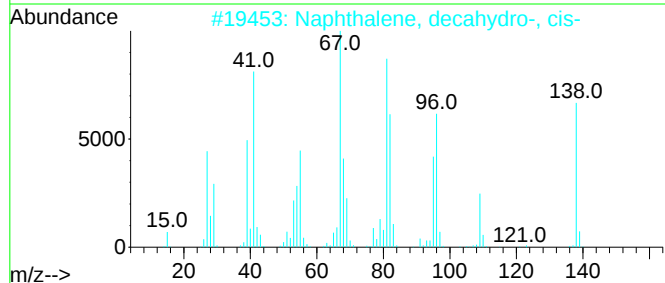
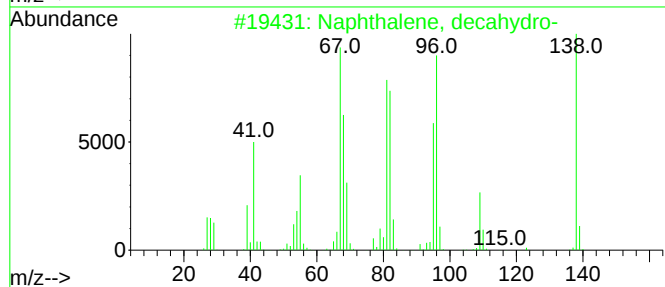
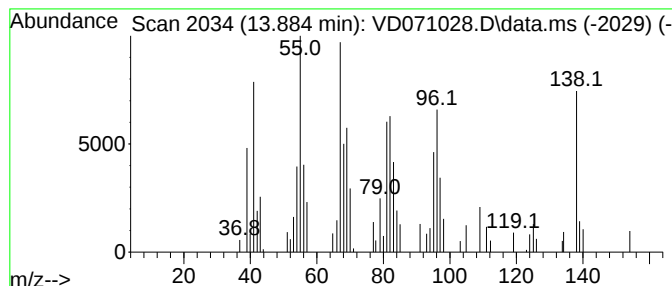
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, decahydro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.884	399.92 ug/l	73257	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	95
2			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76
3			Spiro[4.5]decane	138	C10H18	000176-63-6	76
4			4-Isopropenylcyclohexanone	138	C9H14O	022460-53-3	68
5			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
Data File : VD071028.D
Acq On : 15 Nov 2021 14:49
Operator : VA/SY
Sample : M4563-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-1

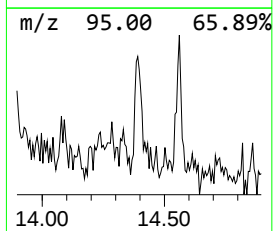
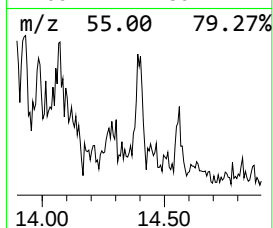
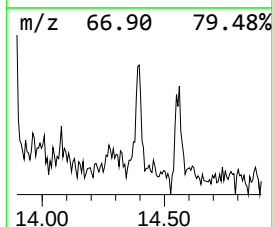
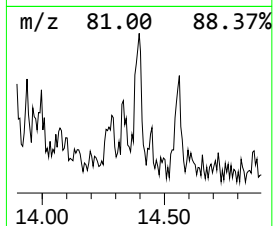
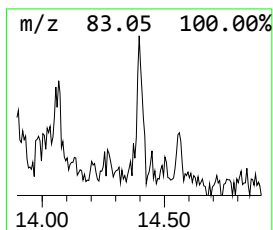
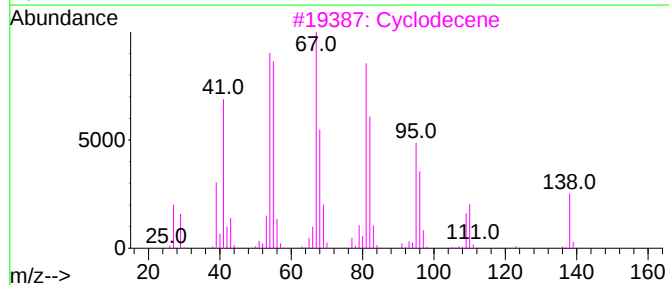
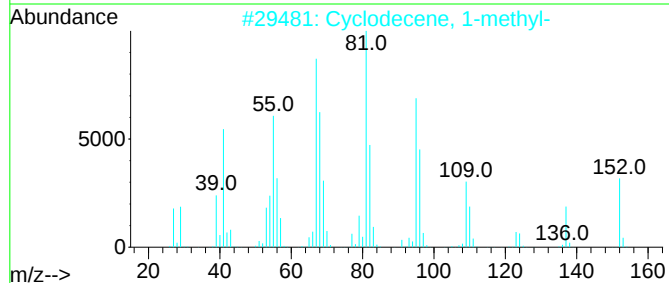
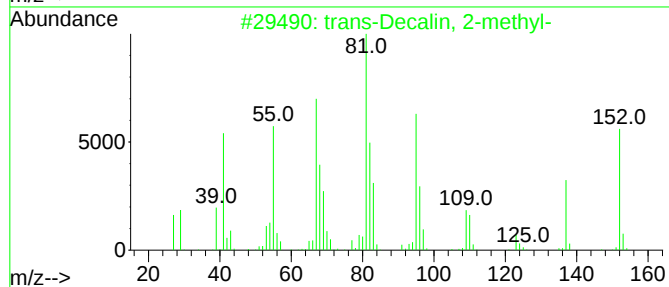
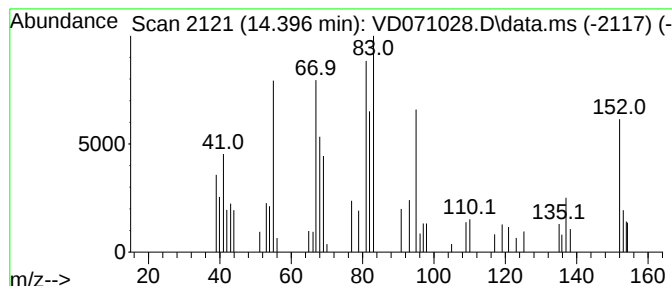
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Quant Title : SW846 8260

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

Peak Number 9 trans-Decalin, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.396	232.89 ug/l	42661	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
2			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	70
3			Cyclodecene	138	C10H18	003618-12-0	60
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	60
5			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
Data File : VD071028.D
Acq On : 15 Nov 2021 14:49
Operator : VA/SY
Sample : M4563-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-1

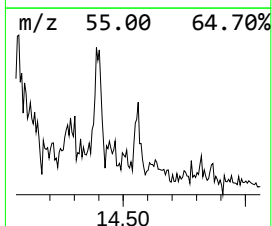
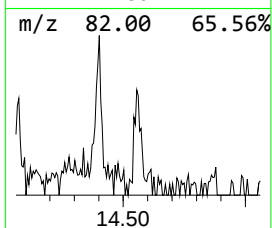
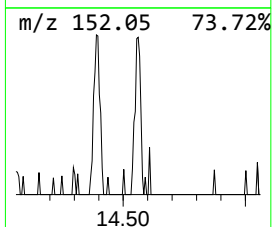
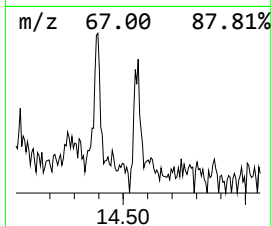
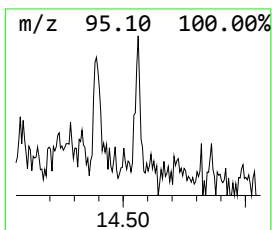
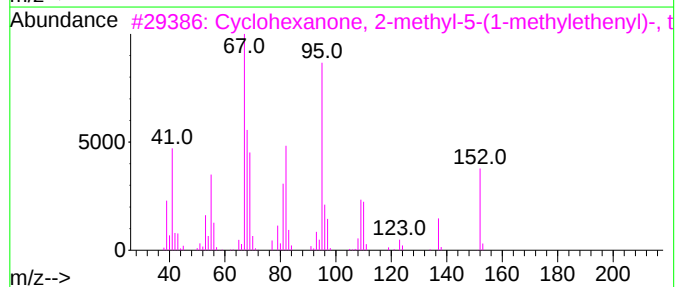
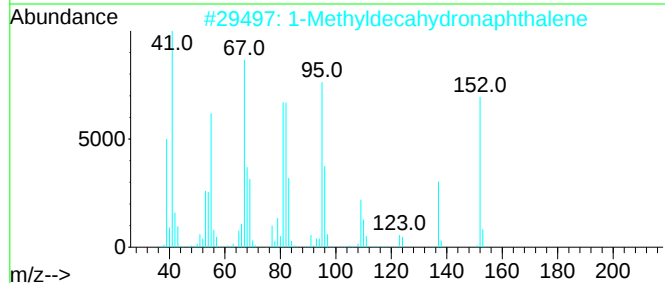
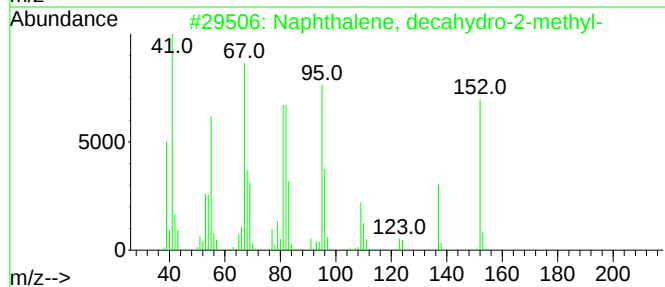
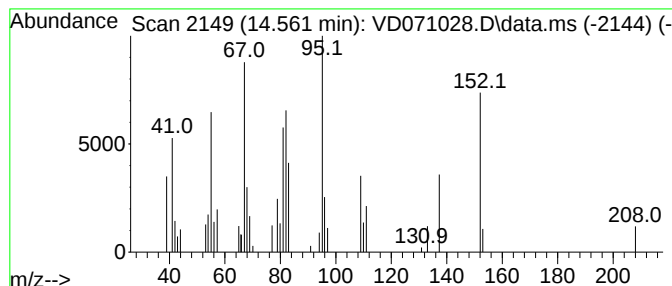
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.561	177.26 ug/l	32471	1,4-Dichlorobenzene-d4	13.573

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	87
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	83
3		Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	80
4		Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	68
5		Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
Data File : VD071028.D
Acq On : 15 Nov 2021 14:49
Operator : VA/SY
Sample : M4563-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260

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

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unknown12.785	12.785	88.2	ug/l	16156	4	13.573	9159	50.0
Oxalic acid, cy...	12.949	162.2	ug/l	29706	4	13.573	9159	50.0
Decane, 4-methyl-	13.173	397.4	ug/l	72786	4	13.573	9159	50.0
Decane, 5-methyl-	13.496	116.3	ug/l	21308	4	13.573	9159	50.0
1-Ethyl-2,2,6-t...	13.708	119.3	ug/l	21849	4	13.573	9159	50.0
Naphthalene, de...	13.884	399.9	ug/l	73257	4	13.573	9159	50.0
trans-Decalin, ...	14.396	232.9	ug/l	42661	4	13.573	9159	50.0
Naphthalene, de...	14.561	177.3	ug/l	32471	4	13.573	9159	50.0