

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071451.D
 Acq On : 23 Dec 2021 19:05
 Operator : VA/SY
 Sample : M5044-03
 Misc : 5.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DA-3-4.5

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\82D122221S.M

Title : SW846 8260

Signal : TIC: VD071451.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.038	180	190	201	rBV	671389	1485130	7.48%	0.460%
2	3.415	245	254	264	rVB2	126065	318623	1.60%	0.099%
3	4.150	365	379	393	rBV5	65876	224877	1.13%	0.070%
4	4.950	502	515	519	rBV3	220422	685962	3.45%	0.213%
5	5.015	522	526	545	rVB3	258615	869957	4.38%	0.270%
6	5.491	593	607	623	rBV3	208045	704860	3.55%	0.218%
7	6.926	839	851	860	rBV2	301508	902886	4.55%	0.280%
8	7.026	860	868	878	rVB2	161086	459995	2.32%	0.143%
9	7.732	980	988	997	rVB5	76029	200153	1.01%	0.062%
10	7.914	1007	1019	1022	rBV2	353552	841331	4.24%	0.261%
11	7.973	1023	1029	1037	rVV2	844250	2215430	11.16%	0.686%
12	8.061	1037	1044	1054	rVB	699403	1735132	8.74%	0.538%
13	8.185	1056	1065	1073	rBV	503194	1163844	5.86%	0.361%
14	8.326	1081	1089	1102	rVB2	333810	753895	3.80%	0.234%
15	8.508	1102	1120	1130	rBV	3899774	9933492	50.03%	3.078%
16	8.597	1130	1135	1145	rVB4	138888	333946	1.68%	0.103%
17	8.861	1170	1180	1191	rBV	1080452	2235680	11.26%	0.693%
18	9.350	1249	1263	1268	rBV	1136982	2782378	14.01%	0.862%
19	9.403	1268	1272	1280	rVV	895295	1697312	8.55%	0.526%
20	9.485	1280	1286	1291	rVV	362751	760730	3.83%	0.236%
21	9.626	1299	1310	1318	rVB3	299339	789535	3.98%	0.245%
22	9.773	1326	1335	1346	rBV	3782997	7517635	37.86%	2.329%
23	9.908	1347	1358	1365	rVV	5514498	11164355	56.22%	3.459%
24	9.973	1365	1369	1372	rVV	538937	1071540	5.40%	0.332%
25	10.008	1372	1375	1383	rVB2	527723	909560	4.58%	0.282%
26	10.108	1383	1392	1405	rVB	1020376	2949893	14.86%	0.914%
27	10.267	1405	1419	1424	rBV	2752104	5082314	25.59%	1.575%
28	10.332	1424	1430	1442	rVB	2170916	4579626	23.06%	1.419%
29	10.455	1442	1451	1454	rBV4	208733	517121	2.60%	0.160%
30	10.514	1454	1461	1468	rVB7	516151	1461166	7.36%	0.453%
31	10.679	1484	1489	1496	rBV3	387963	781988	3.94%	0.242%
32	10.779	1496	1506	1515	rVV5	1106189	3453742	17.39%	1.070%
33	10.855	1515	1519	1525	rVB	539771	962343	4.85%	0.298%
34	10.950	1525	1535	1540	rBV2	599296	1313195	6.61%	0.407%
35	11.050	1547	1552	1559	rVB	916054	1888540	9.51%	0.585%
36	11.114	1559	1563	1566	rBV5	240507	370861	1.87%	0.115%

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Integrator: RTE

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 Title : SW846 8260

37	11.149	1566	1569	1573	rVV3	353227	564738	2.84%	0.175%
38	11.191	1573	1576	1579	rVV3	221556	365223	1.84%	0.113%
39	11.238	1579	1584	1589	rVV	841489	1546445	7.79%	0.479%
40	11.291	1589	1593	1598	rVB3	398155	620867	3.13%	0.192%
41	11.349	1598	1603	1607	rBV2	614204	941742	4.74%	0.292%
42	11.420	1607	1615	1627	rVB4	1525528	5255539	26.47%	1.628%
43	11.520	1627	1632	1642	rBV	1417217	2997075	15.09%	0.929%
44	11.638	1643	1652	1657	rBV2	2056300	4351272	21.91%	1.348%
45	11.702	1660	1663	1667	rVB	490751	678837	3.42%	0.210%
46	11.773	1672	1675	1679	rVB3	445899	575540	2.90%	0.178%
47	11.820	1679	1683	1687	rVB4	454133	721264	3.63%	0.223%
48	11.885	1688	1694	1698	rBV2	1225716	2207797	11.12%	0.684%
49	11.979	1706	1710	1713	rBV4	203266	372882	1.88%	0.116%
50	12.038	1714	1720	1722	rVV6	251015	518843	2.61%	0.161%
51	12.073	1722	1726	1731	rVB3	664960	1102701	5.55%	0.342%
52	12.144	1732	1738	1745	rBV5	1699602	3659467	18.43%	1.134%
53	12.261	1754	1758	1762	rVB	1345541	2043587	10.29%	0.633%
54	12.344	1762	1772	1774	rBV5	1274095	2774034	13.97%	0.860%
55	12.514	1794	1801	1805	rBV6	987398	2851047	14.36%	0.883%
56	12.602	1811	1816	1823	rVB2	2790727	5553324	27.97%	1.721%
57	12.661	1823	1826	1829	rVB	845391	1000890	5.04%	0.310%
58	12.708	1829	1834	1839	rVB3	983313	1781955	8.97%	0.552%
59	12.785	1839	1847	1854	rVB5	1878221	5393067	27.16%	1.671%
60	12.867	1854	1861	1865	rBV6	531814	1314612	6.62%	0.407%
61	12.949	1866	1875	1882	rBV6	1641694	5481809	27.61%	1.699%
62	13.091	1894	1899	1902	rBV2	1015986	1741164	8.77%	0.540%
63	13.138	1903	1907	1910	rBV2	1003227	1561255	7.86%	0.484%
64	13.173	1910	1913	1917	rBV2	2101818	3184432	16.04%	0.987%
65	13.302	1931	1935	1940	rBV	1790745	2686569	13.53%	0.832%
66	13.355	1940	1944	1947	rBV2	618008	924706	4.66%	0.287%
67	13.420	1951	1955	1958	rBV	1937228	2783127	14.02%	0.862%
68	13.496	1964	1968	1971	rBV	1825789	2281200	11.49%	0.707%
69	13.532	1971	1974	1976	rVV	1306986	1499431	7.55%	0.465%
70	13.561	1976	1979	1983	rVV	1469326	1968313	9.91%	0.610%
71	13.620	1983	1989	1998	rVB3	3205977	8904398	44.84%	2.759%
72	13.726	1999	2007	2011	rBV	4603532	8390132	42.25%	2.600%
73	13.885	2029	2034	2039	rBV2	3241497	6207234	31.26%	1.923%
74	14.038	2055	2060	2065	rVB4	2285357	4075520	20.52%	1.263%
75	14.102	2066	2071	2075	rVV2	5980571	9341065	47.04%	2.894%
76	14.143	2075	2078	2084	rVB2	2767335	4114920	20.72%	1.275%

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77	14.208	2084	2089	2095	rBV3	4130470	7338950	36.96%	2.274%
78	14.273	2096	2100	2107	rBV4	2232511	4673157	23.53%	1.448%
79	14.361	2111	2115	2118	rVV4	3220666	5821459	29.32%	1.804%
80	14.402	2118	2122	2124	rVV3	4902979	8760846	44.12%	2.715%
81	14.432	2124	2127	2135	rVV2	5567725	8894458	44.79%	2.756%
82	14.508	2135	2140	2144	rVV	5651089	8171089	41.15%	2.532%
83	14.555	2144	2148	2153	rVB4	2473852	4356372	21.94%	1.350%
84	14.749	2177	2181	2185	rVB3	1388823	1999427	10.07%	0.620%
85	14.808	2186	2191	2195	rBV3	3825967	7865606	39.61%	2.437%
86	14.855	2195	2199	2207	rVB2	10330243	19085371	96.12%	5.914%
87	15.079	2232	2237	2242	rVB3	6170721	10456928	52.66%	3.240%
88	15.349	2277	2283	2291	rVB	11352551	19856709	100.00%	6.153%
89	15.696	2332	2342	2347	rBV10	2234555	6950202	35.00%	2.154%
90	15.761	2348	2353	2359	rVB2	3872905	7535103	37.95%	2.335%
91	16.249	2433	2436	2444	rVB4	1635920	3202077	16.13%	0.992%
92	16.326	2445	2449	2455	rVV2	1774215	3046293	15.34%	0.944%
93	16.667	2502	2507	2522	rVB2	1491692	5256857	26.47%	1.629%

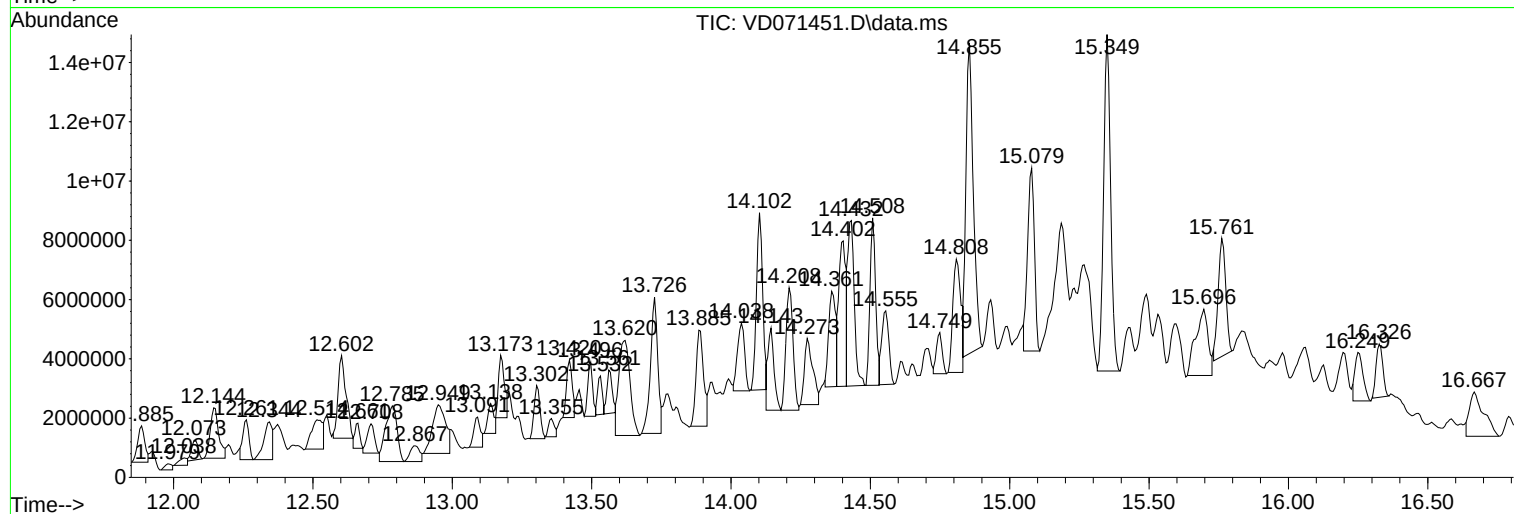
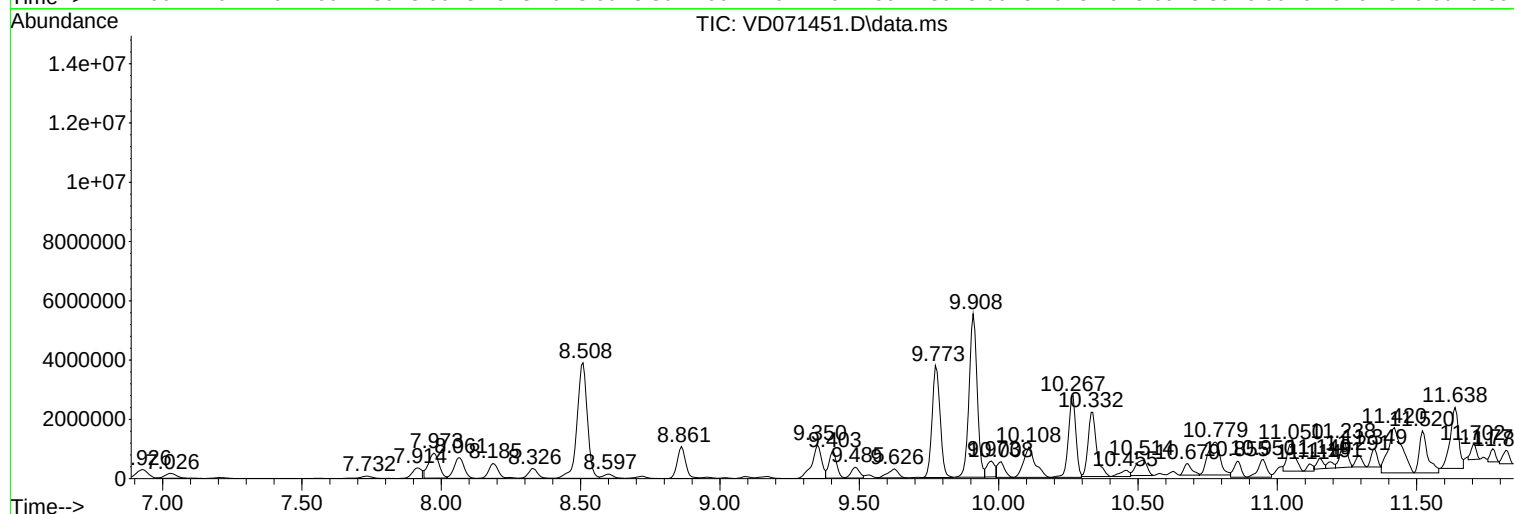
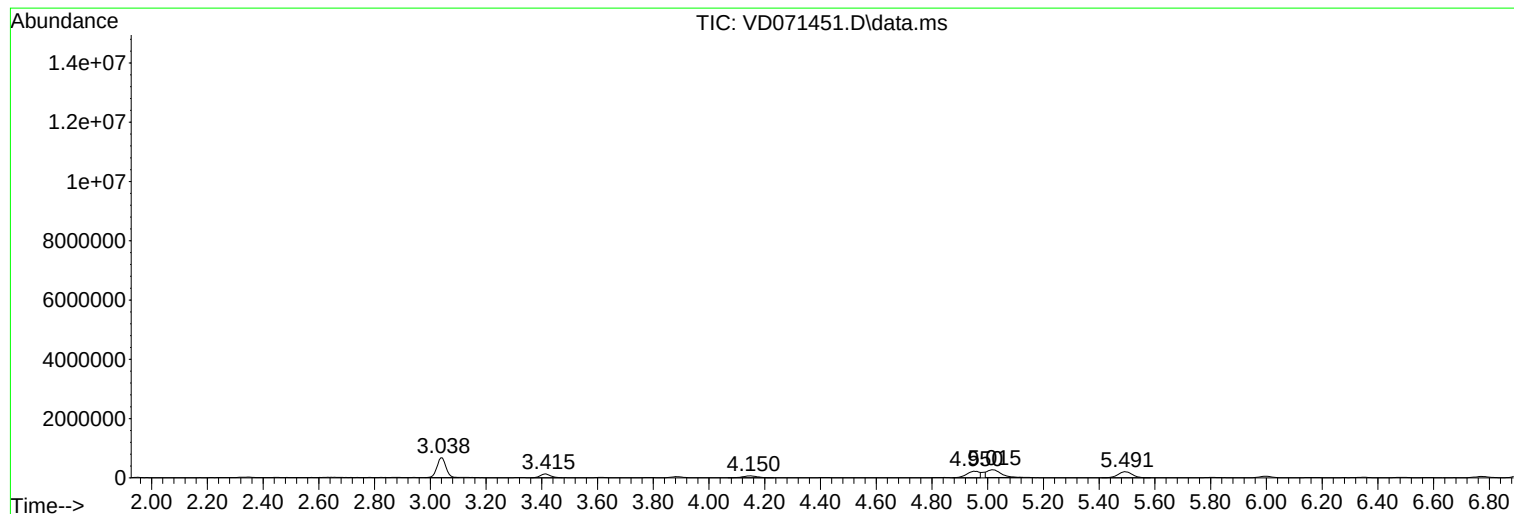
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Instrument :
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ClientSampleId :
DA-3-4.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
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Misc : 5.15G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

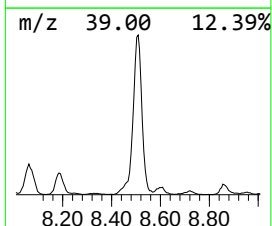
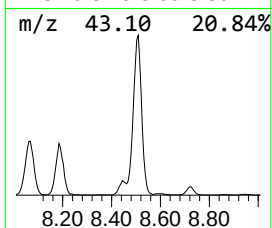
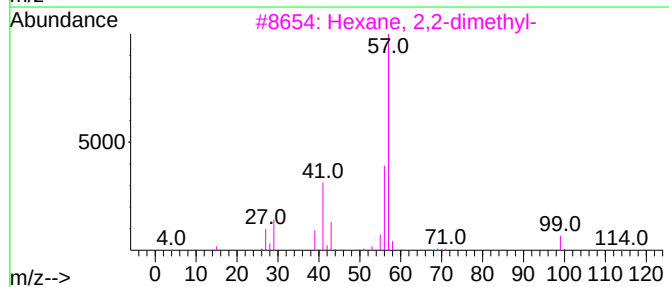
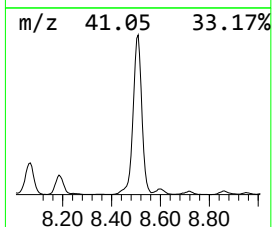
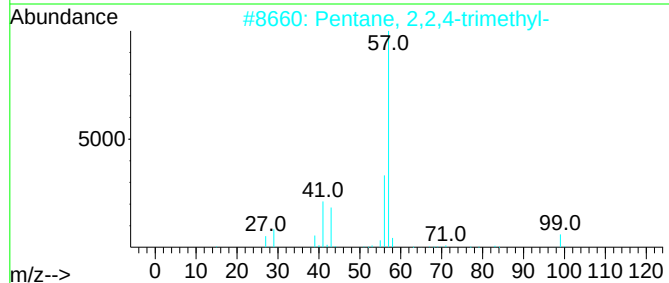
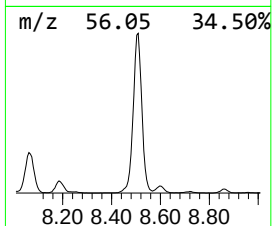
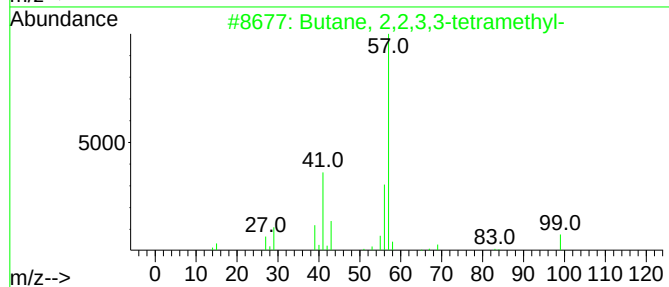
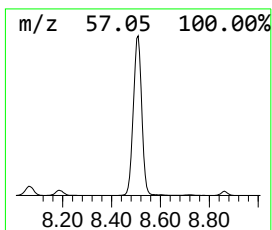
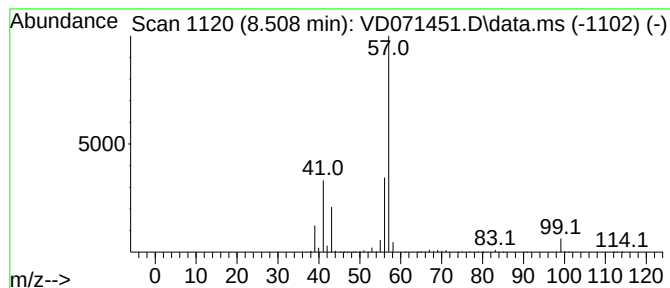
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

Peak Number 1 Butane, 2,2,3,3-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.508	222.16 ug/l	9933490	1,4-Difluorobenzene	8.861

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
2			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
5			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59



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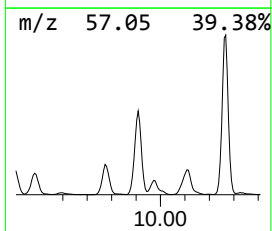
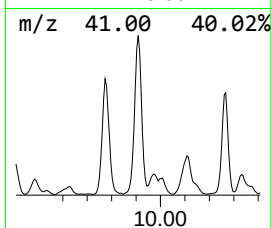
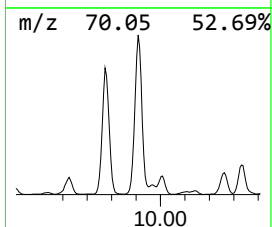
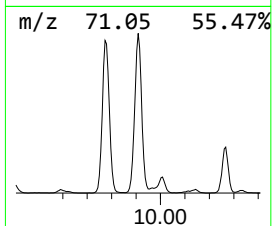
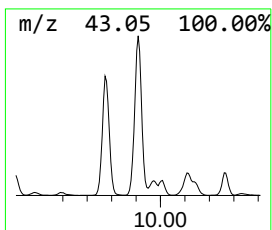
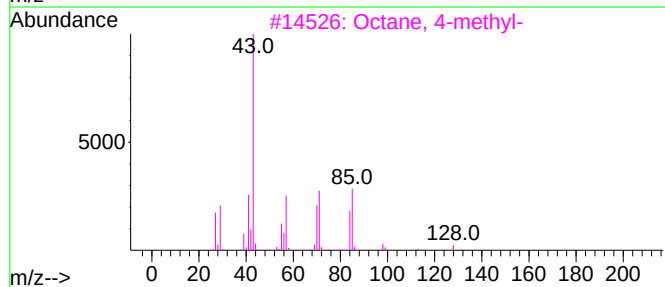
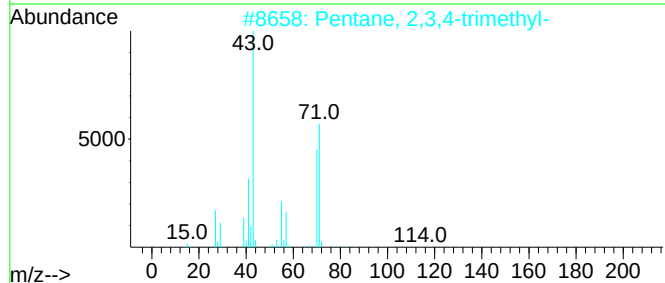
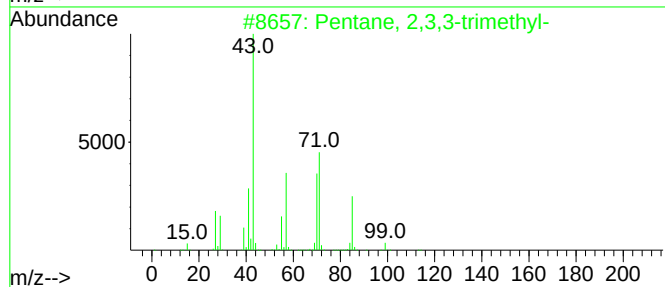
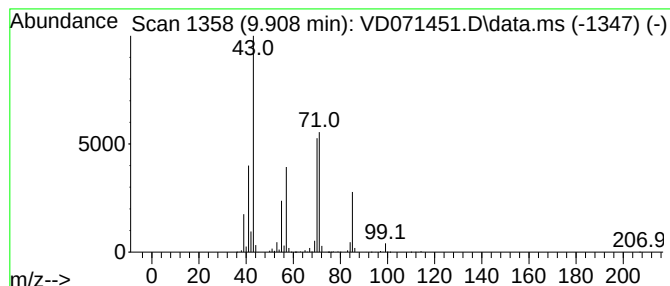
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

Peak Number 2 Pentane, 2,3,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.908	249.69 ug/l	11164400	1,4-Difluorobenzene	8.861

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	81
3			Octane, 4-methyl-	128	C9H20	002216-34-4	64
4			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
5			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	53



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

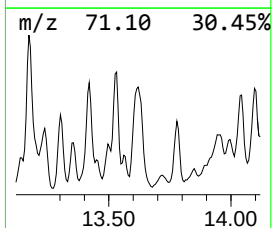
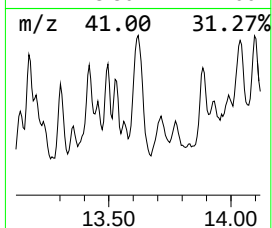
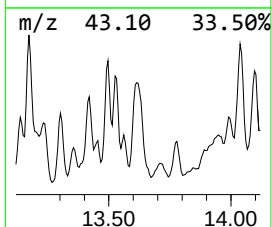
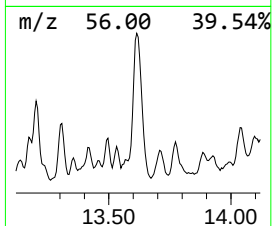
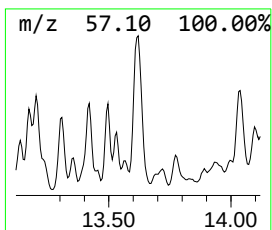
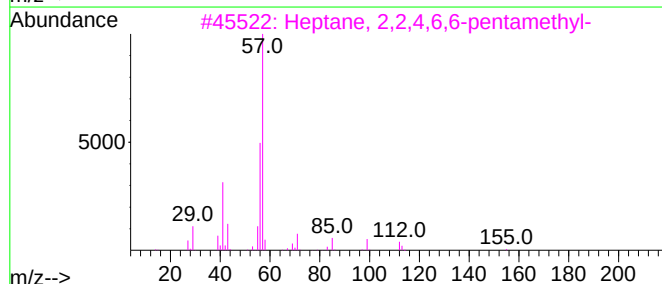
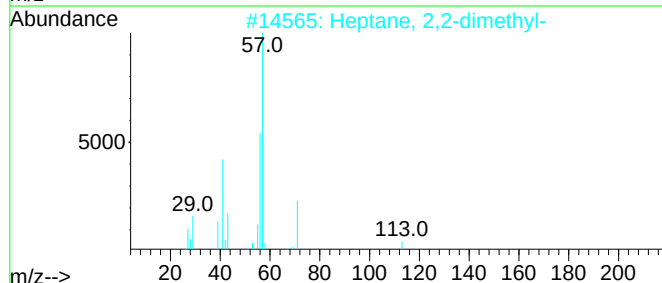
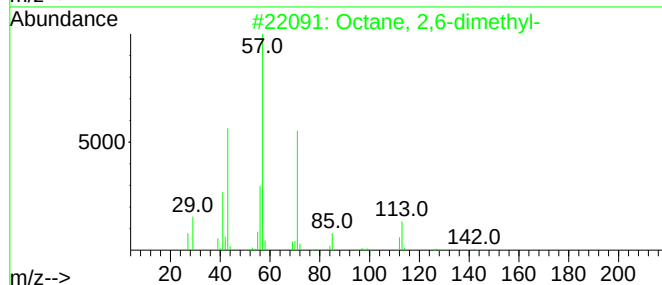
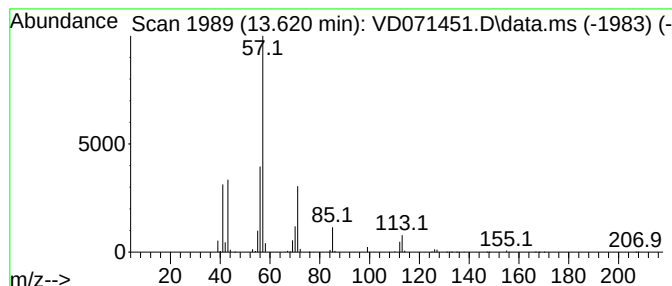
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.620	226.19 ug/l	8904400	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	64
2			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53
3			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53
4			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071451.D
Acq On : 23 Dec 2021 19:05
Operator : VA/SY
Sample : M5044-03
Misc : 5.15G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

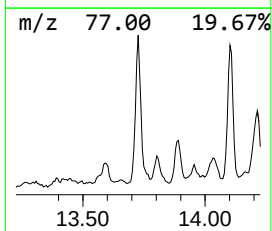
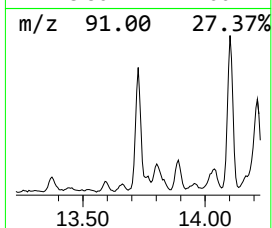
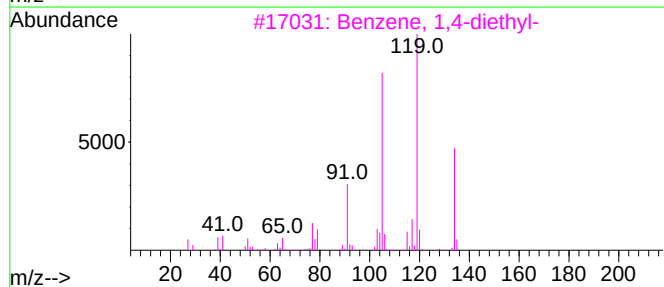
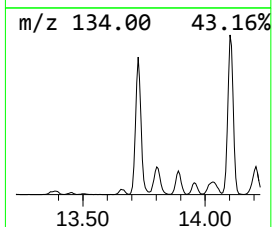
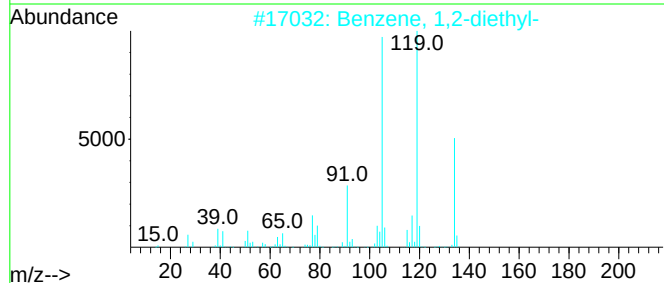
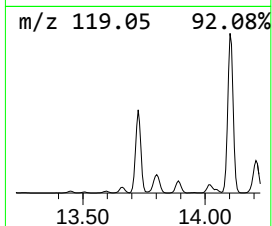
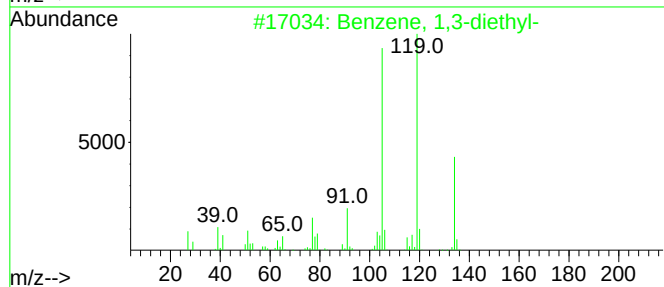
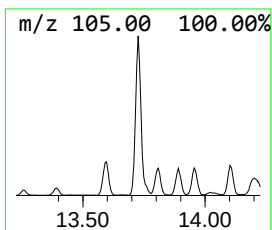
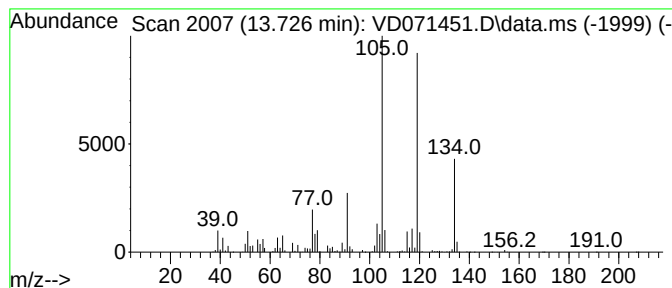
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.726	213.13 ug/l	8390130	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4			1,3,8-p-Menthatriene	134	C10H14	018368-95-1	83
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071451.D
Acq On : 23 Dec 2021 19:05
Operator : VA/SY
Sample : M5044-03
Misc : 5.15G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

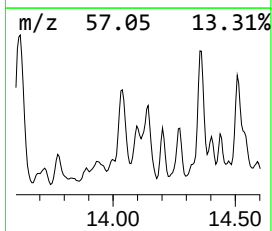
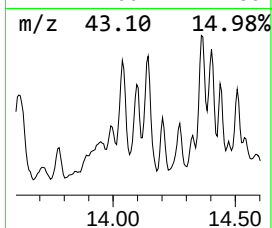
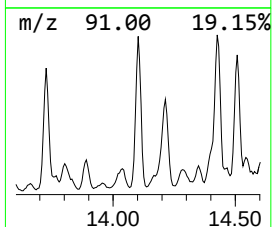
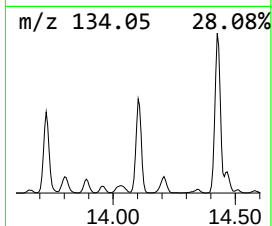
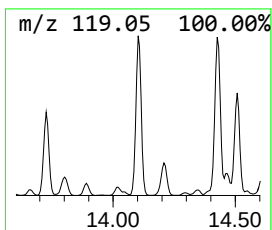
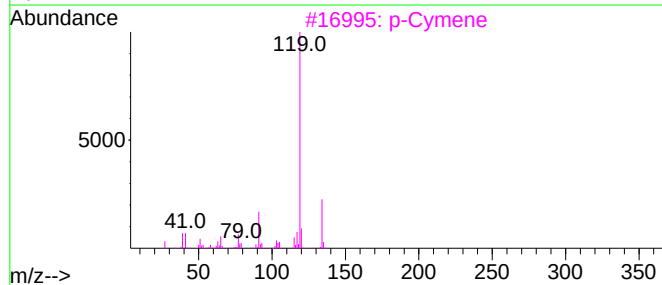
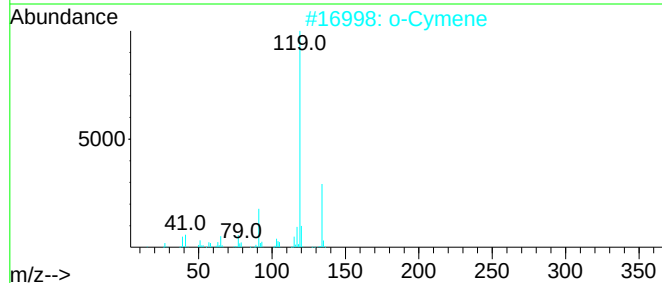
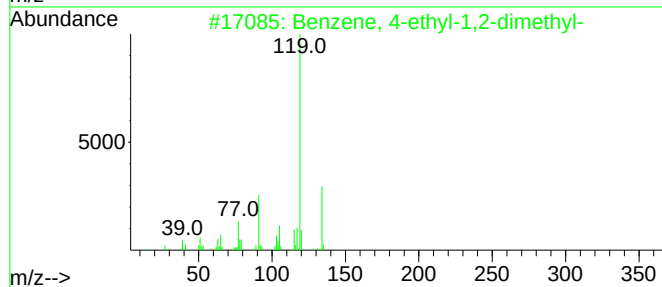
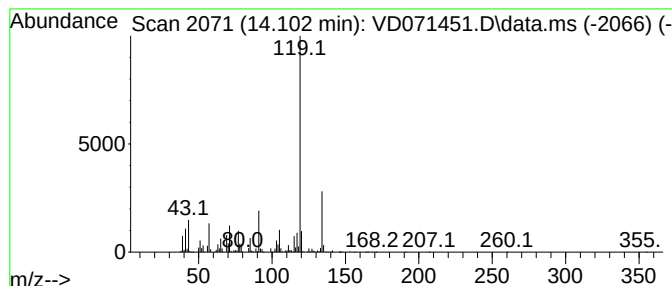
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.102	237.29 ug/l	9341070	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			o-Cymene	134	C10H14	000527-84-4	95
3			p-Cymene	134	C10H14	000099-87-6	95
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071451.D
Acq On : 23 Dec 2021 19:05
Operator : VA/SY
Sample : M5044-03
Misc : 5.15G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

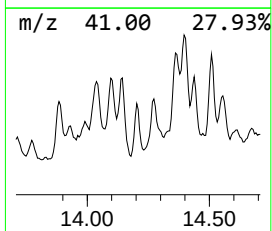
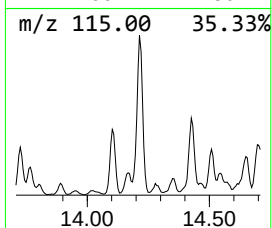
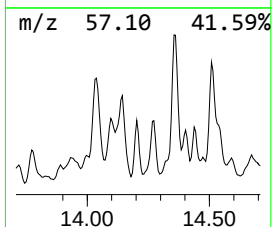
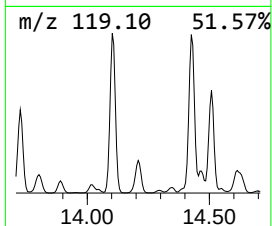
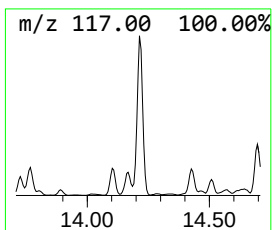
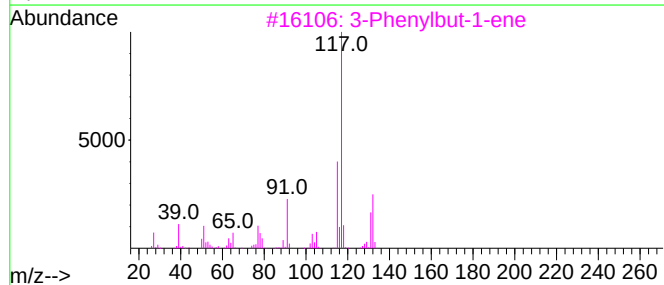
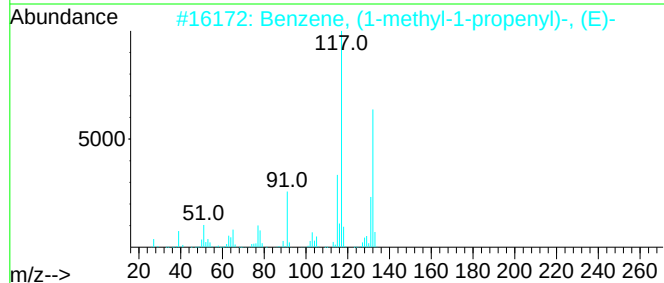
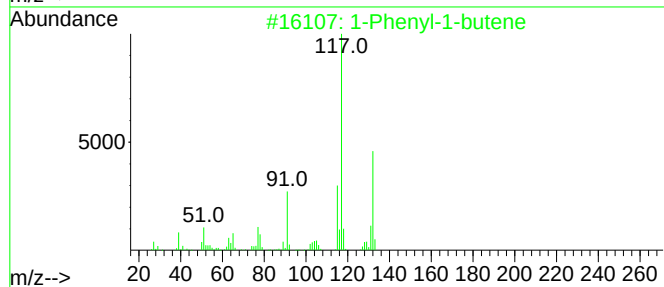
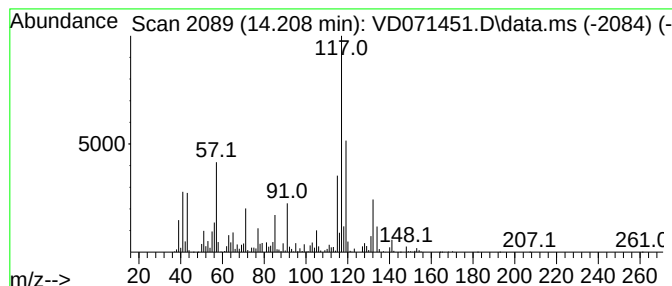
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Quant Title : SW846 8260

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

Peak Number 6 1-Phenyl-1-butene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.208	186.43 ug/l	7338950	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenyl-1-butene	132	C10H12	000824-90-8	60
2			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
4			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	60
5			Indan, 1-methyl-	132	C10H12	000767-58-8	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071451.D
Acq On : 23 Dec 2021 19:05
Operator : VA/SY
Sample : M5044-03
Misc : 5.15G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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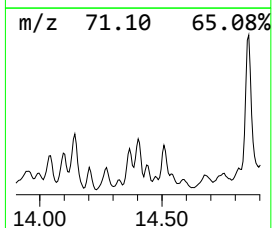
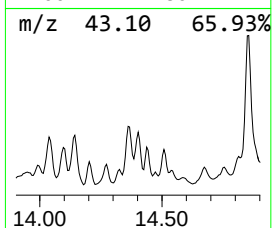
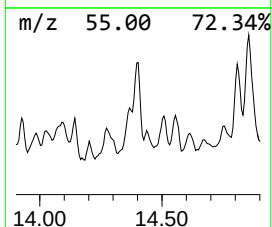
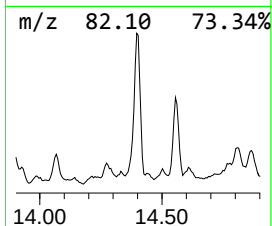
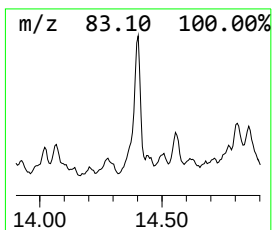
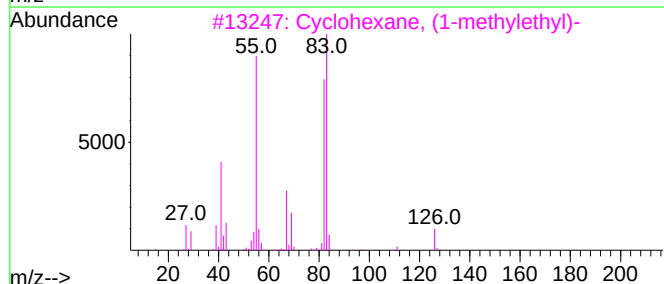
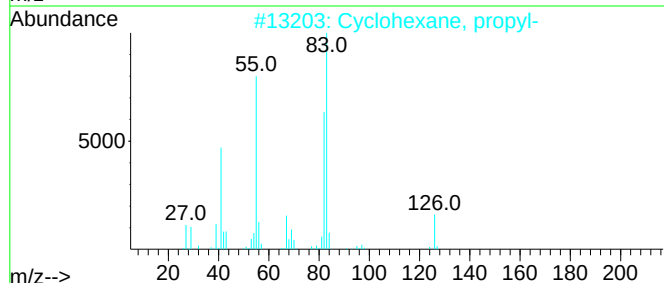
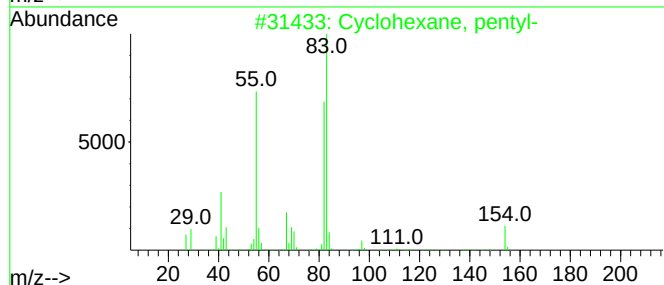
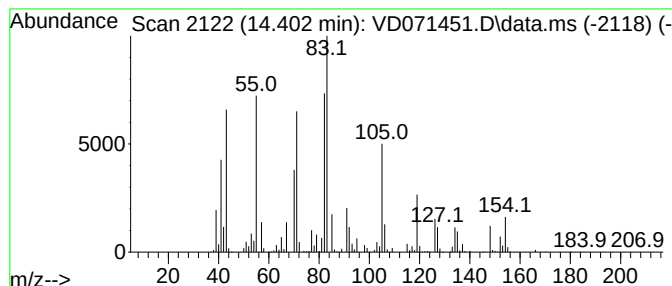
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Quant Title : SW846 8260

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

Peak Number 7 unknown14.402 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.402	222.55 ug/l	8760850	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	49
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47
4			n-Heptadecylcyclohexane	322	C23H46	019781-73-8	43
5			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071451.D
Acq On : 23 Dec 2021 19:05
Operator : VA/SY
Sample : M5044-03
Misc : 5.15G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DA-3-4.5

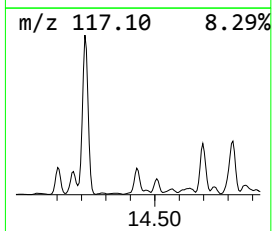
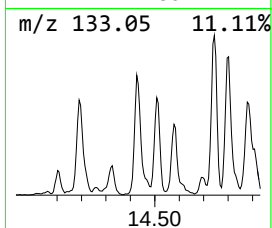
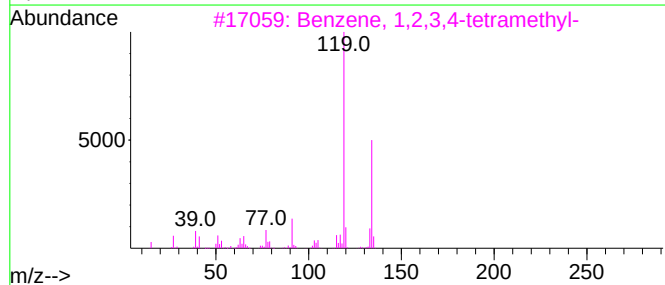
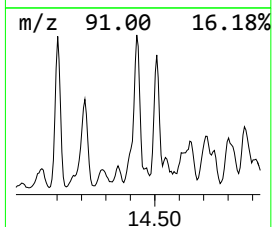
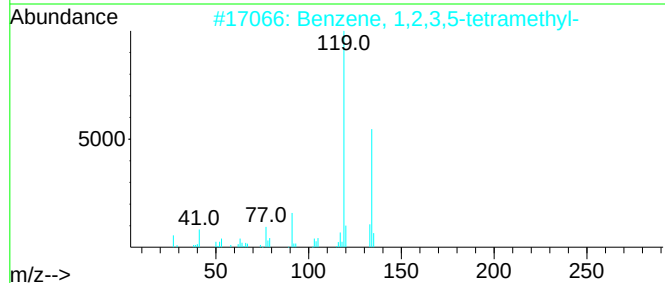
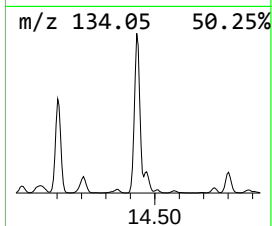
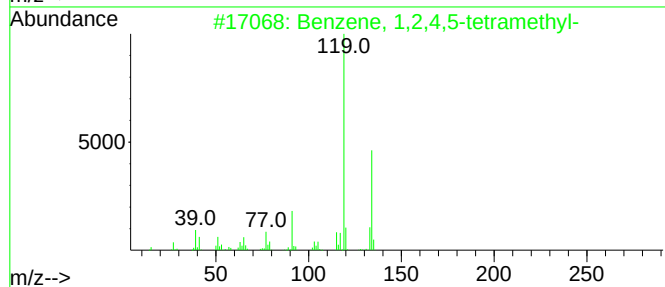
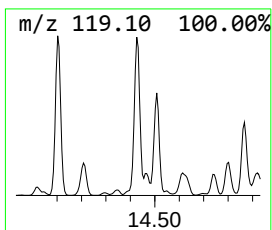
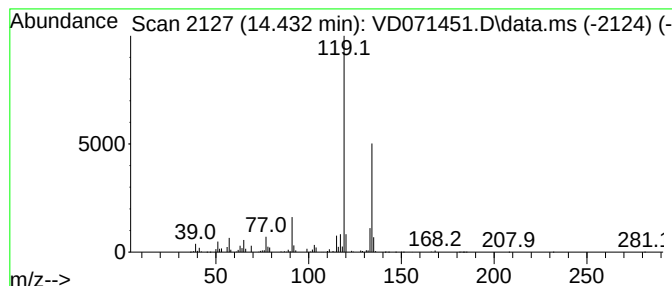
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.432	225.94 ug/l	8894460	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071451.D
Acq On : 23 Dec 2021 19:05
Operator : VA/SY
Sample : M5044-03
Misc : 5.15G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

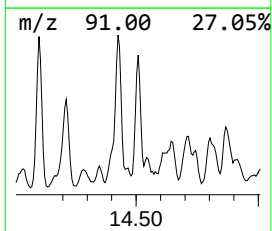
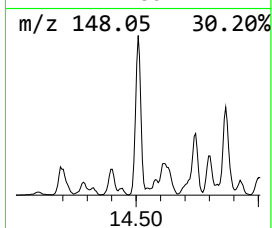
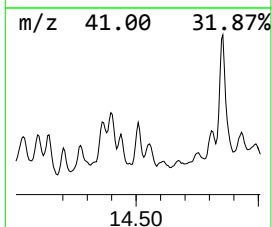
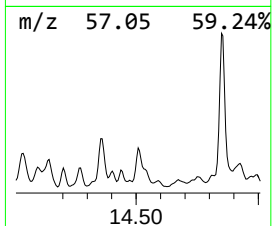
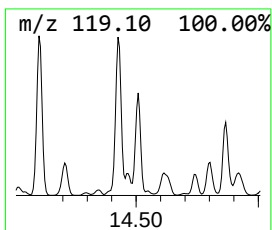
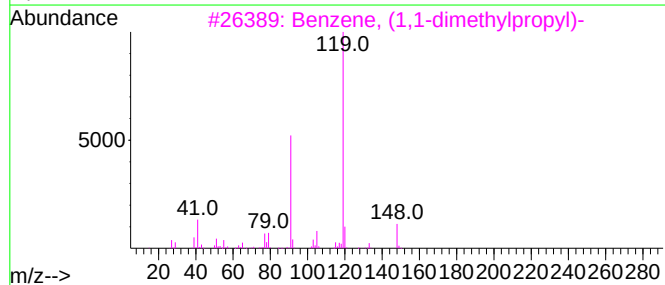
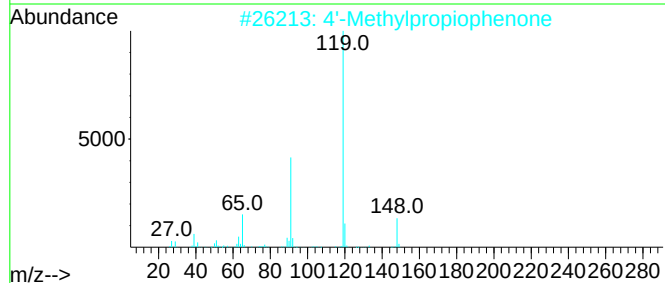
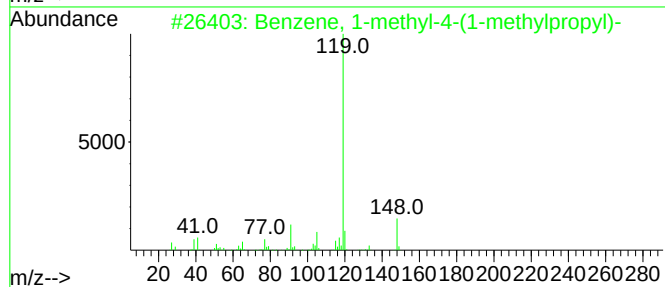
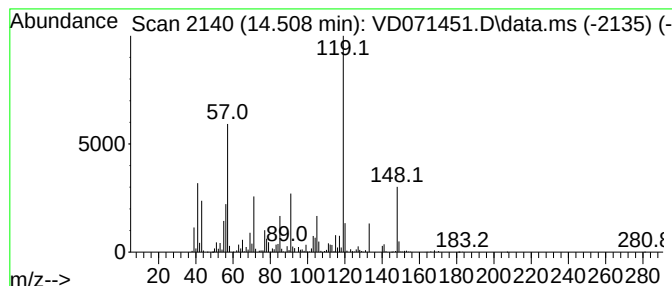
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-methyl-4-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.508	207.57 ug/l	8171090	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
2			4'-Methylpropiophenone	148	C10H12O	005337-93-9	53
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52
4			2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	45
5			1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071451.D
Acq On : 23 Dec 2021 19:05
Operator : VA/SY
Sample : M5044-03
Misc : 5.15G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

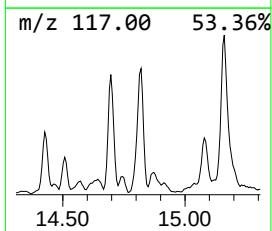
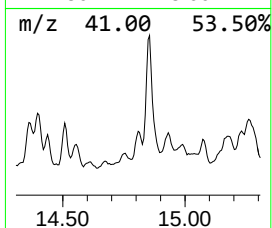
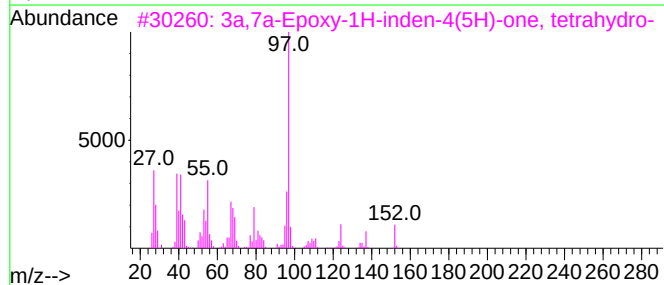
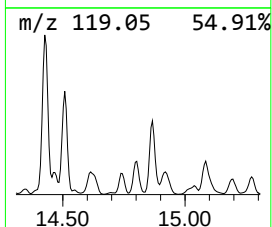
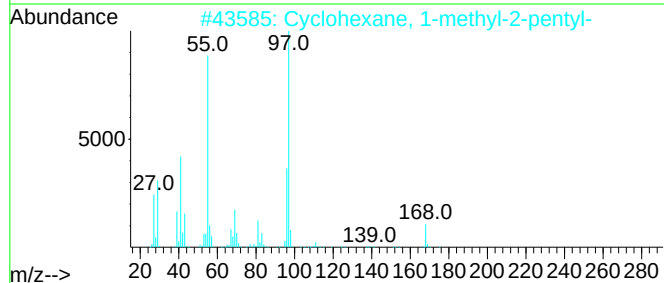
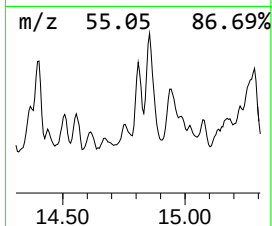
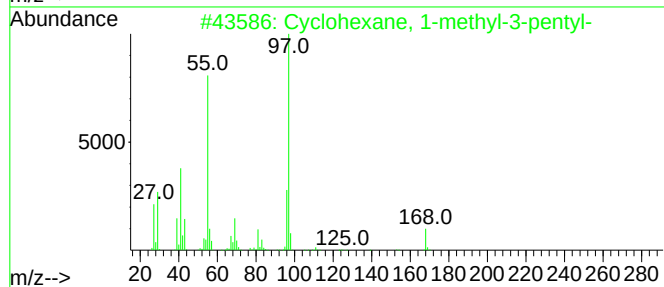
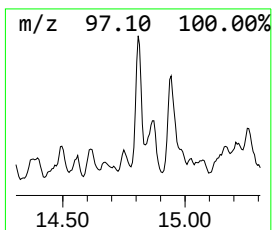
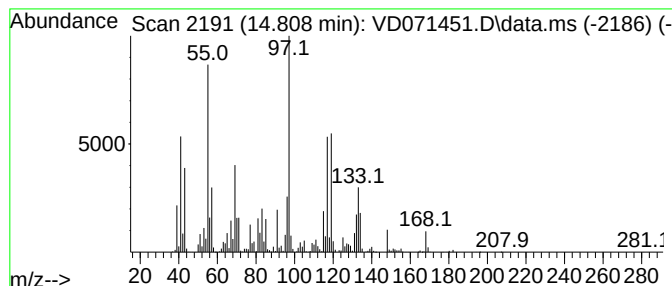
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Quant Title : SW846 8260

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

Peak Number 10 unknown14.808 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.808	199.81 ug/l	7865610	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	30
2			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	30
3			3a,7a-Epoxy-1H-inden-4(5H)-one, ...	152	C9H12O2	039746-31-1	30
4			p-Cymene	134	C10H14	000099-87-6	25
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071451.D
Acq On : 23 Dec 2021 19:05
Operator : VA/SY
Sample : M5044-03
Misc : 5.15G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

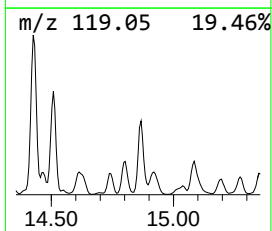
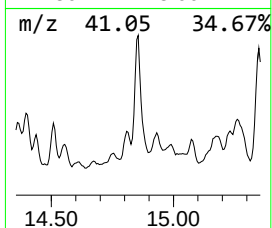
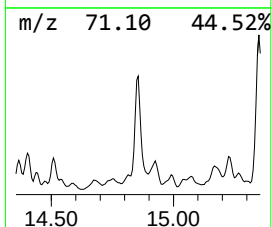
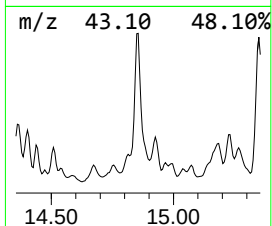
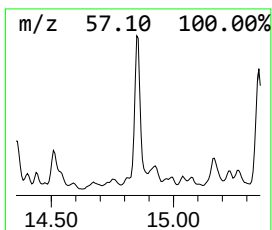
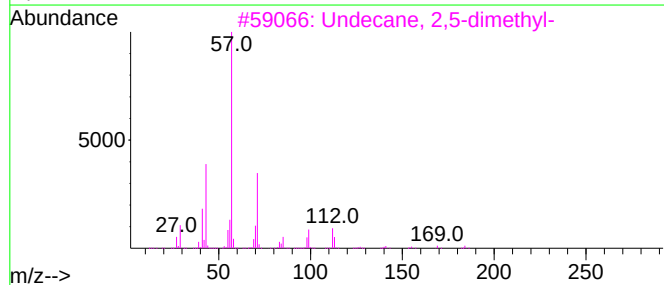
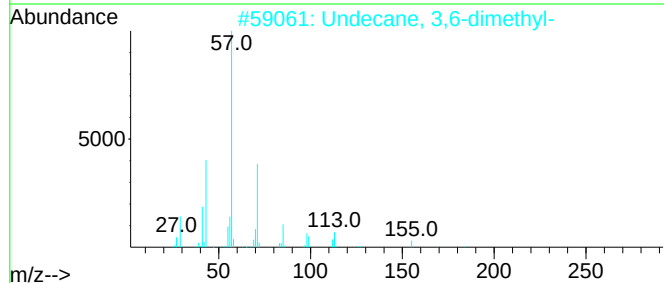
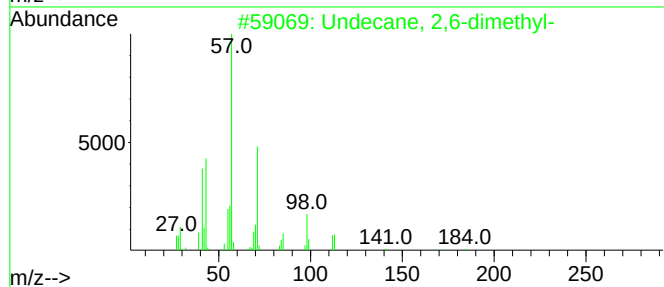
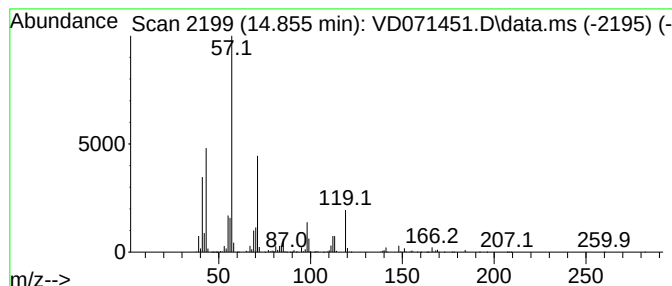
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Quant Title : SW846 8260

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

Peak Number 11 Undecane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.855	484.82 ug/l	19085400	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	91
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	70
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	60
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	58
5			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071451.D
Acq On : 23 Dec 2021 19:05
Operator : VA/SY
Sample : M5044-03
Misc : 5.15G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

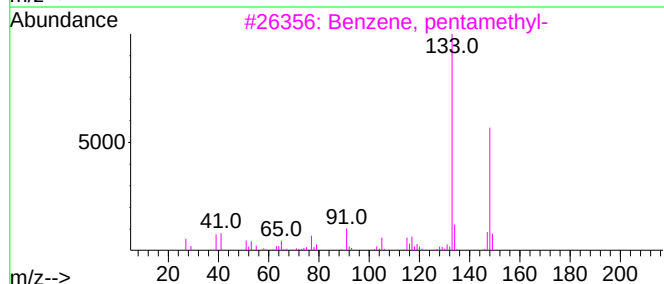
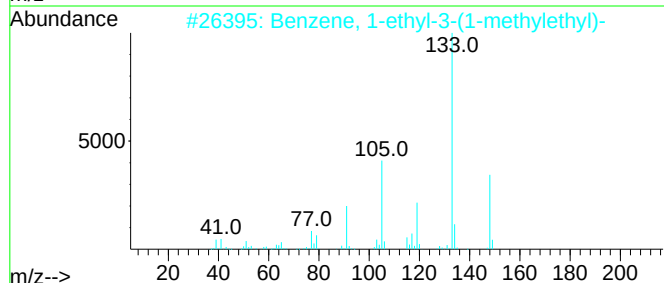
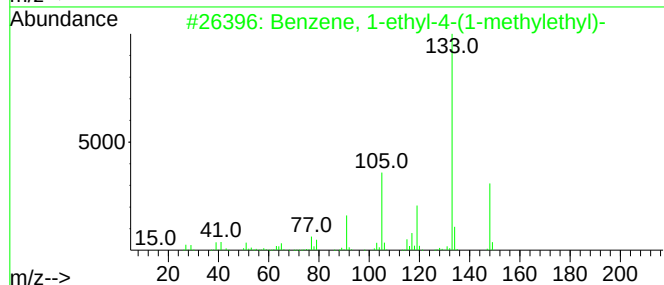
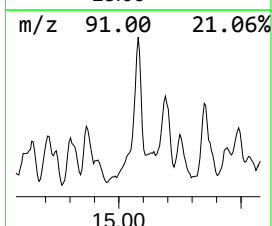
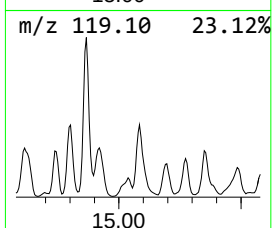
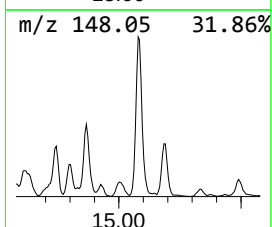
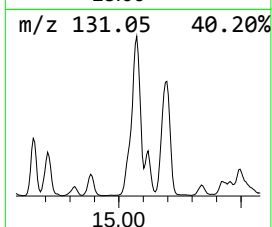
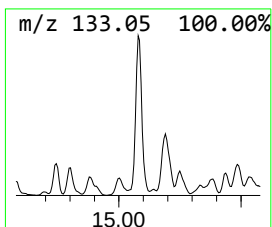
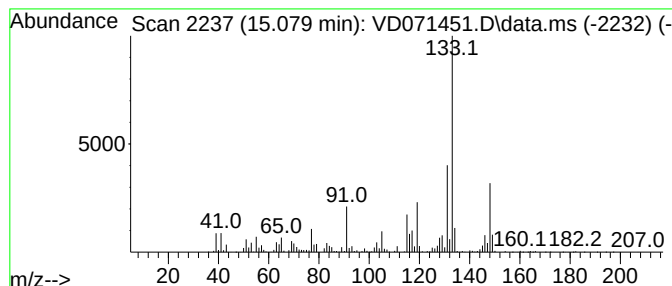
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Quant Title : SW846 8260

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

Peak Number 12 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.079	265.63 ug/l	10456900	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
2			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	70
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	62
4			1,5,6,7-Tetramethylbicyclo[3.2.0]...	148	C11H16	134329-46-7	58
5			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071451.D
Acq On : 23 Dec 2021 19:05
Operator : VA/SY
Sample : M5044-03
Misc : 5.15G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

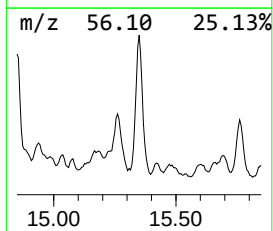
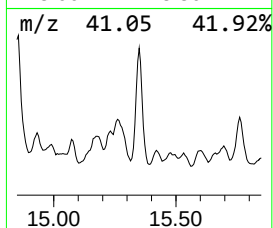
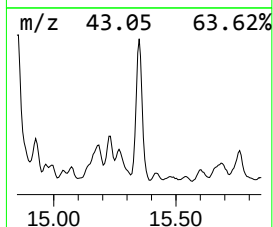
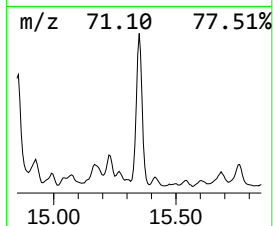
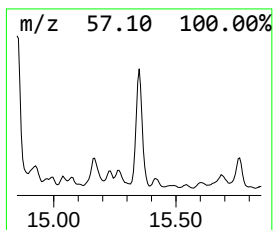
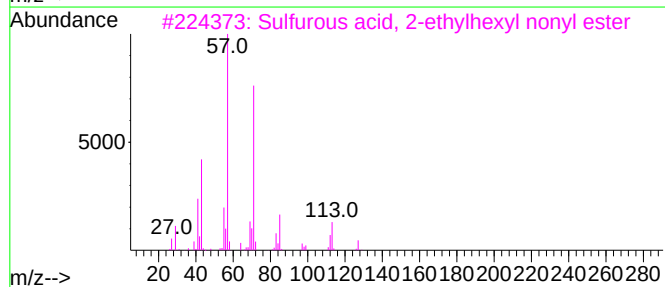
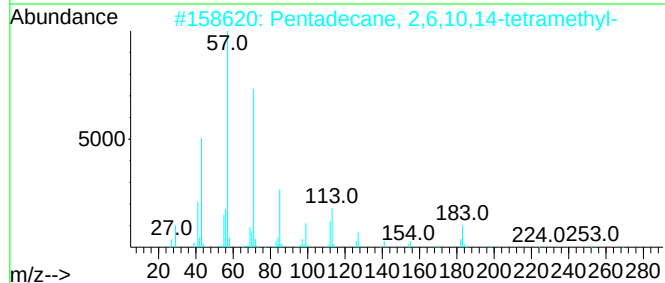
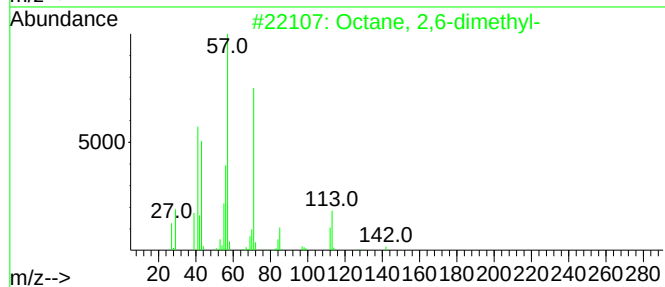
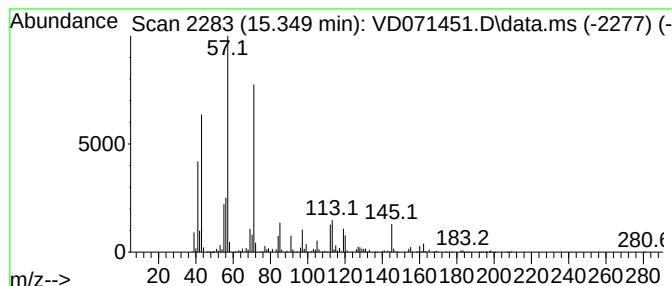
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Quant Title : SW846 8260

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

Peak Number 13 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.349	504.41 ug/l	19856700	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	76	
2	Pentadecane, 2,6,10,14-tetramethyl-		268	C19H40	001921-70-6	59	
3	Sulfurous acid, 2-ethylhexyl non...		320	C17H36O3S	1010309-19-2	59	
4	Tridecane, 7-methyl-		198	C14H30	026730-14-3	58	
5	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	52	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071451.D
Acq On : 23 Dec 2021 19:05
Operator : VA/SY
Sample : M5044-03
Misc : 5.15G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

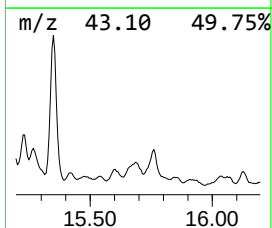
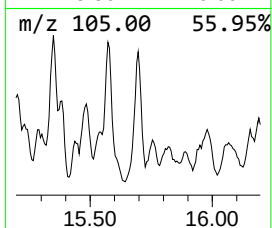
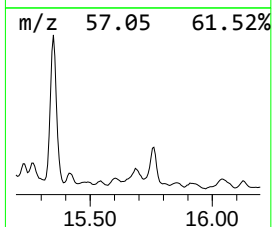
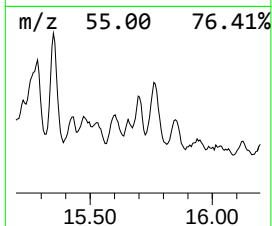
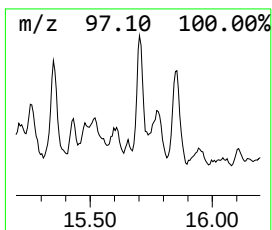
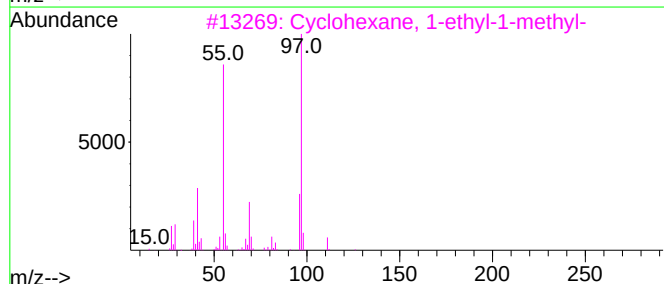
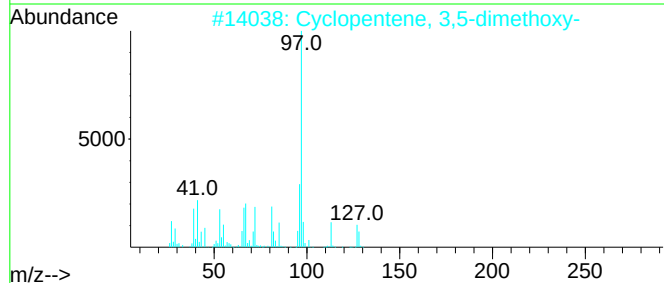
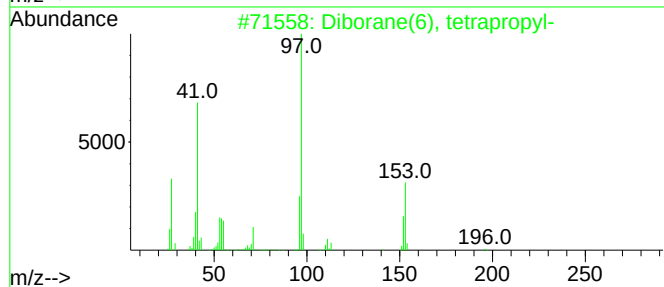
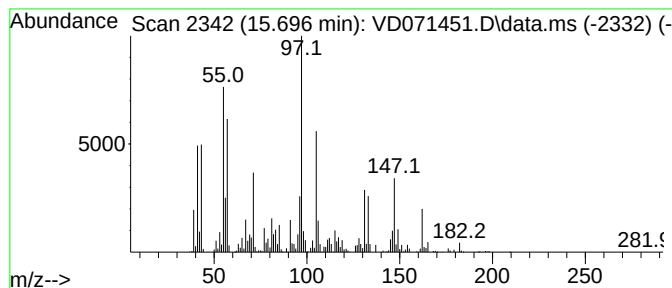
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Quant Title : SW846 8260

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

Peak Number 14 unknown15.696 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.696	176.55 ug/l	6950200	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diborane(6), tetrapropyl-	196	C12H30B2	022784-01-6	43
2			Cyclopentene, 3,5-dimethoxy-	128	C7H12O2	089897-05-2	43
3			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	38
4			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	38
5			Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071451.D
Acq On : 23 Dec 2021 19:05
Operator : VA/SY
Sample : M5044-03
Misc : 5.15G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

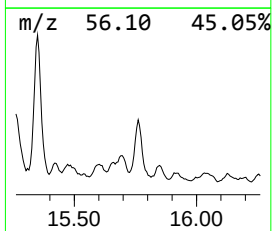
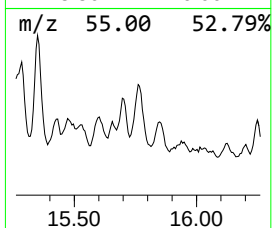
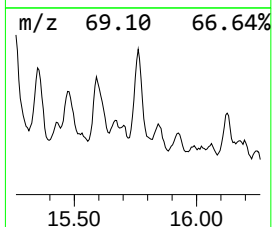
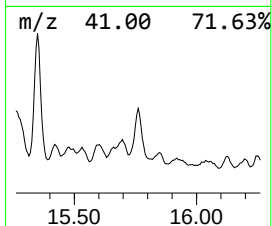
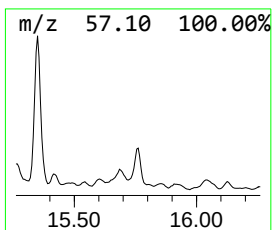
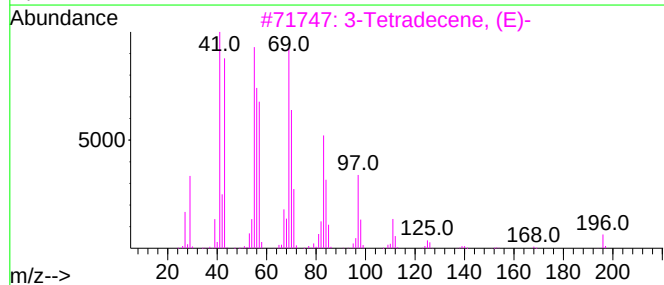
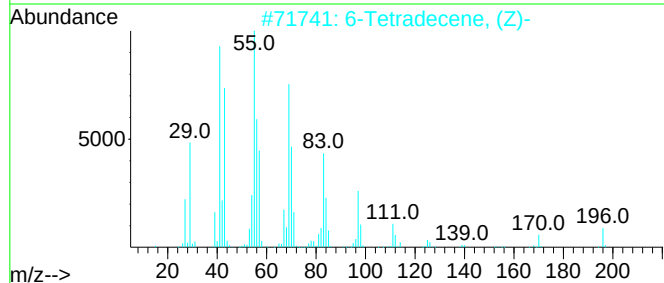
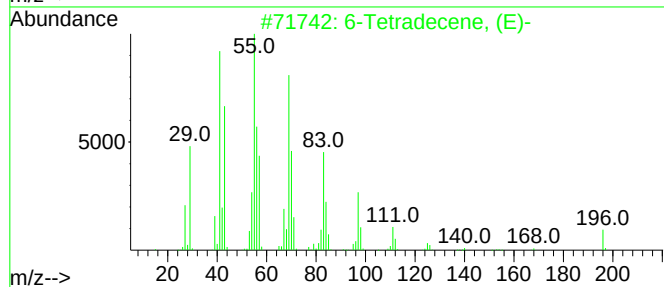
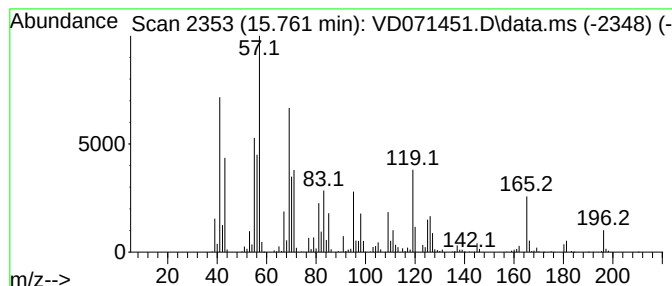
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Quant Title : SW846 8260

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

Peak Number 15 unknown15.761 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.761	191.41 ug/l	7535100	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tetradecene, (E)-			196	C14H28	041446-64-4	35
2	6-Tetradecene, (Z)-			196	C14H28	041446-61-1	35
3	3-Tetradecene, (E)-			196	C14H28	041446-68-8	25
4	7-Tetradecene, (Z)-			196	C14H28	041446-60-0	20
5	E-11,13-Tetradecadien-1-ol			210	C14H26O	1000131-00-3	20



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071451.D
Acq On : 23 Dec 2021 19:05
Operator : VA/SY
Sample : M5044-03
Misc : 5.15G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.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
Butane, 2,2,3,3...	8.508	222.2	ug/l	9933490	2	8.861	2235680	50.0
Pentane, 2,3,3-...	9.908	249.7	ug/l	11164400	2	8.861	2235680	50.0
Octane, 2,6-dim...	13.620	226.2	ug/l	8904400	4	13.561	1968310	50.0
Benzene, 1,3-di...	13.726	213.1	ug/l	8390130	4	13.561	1968310	50.0
Benzene, 4-ethy...	14.102	237.3	ug/l	9341070	4	13.561	1968310	50.0
1-Phenyl-1-butene	14.208	186.4	ug/l	7338950	4	13.561	1968310	50.0
unknown14.402	14.402	222.6	ug/l	8760850	4	13.561	1968310	50.0
Benzene, 1,2,4,...	14.432	225.9	ug/l	8894460	4	13.561	1968310	50.0
Benzene, 1-meth...	14.508	207.6	ug/l	8171090	4	13.561	1968310	50.0
unknown14.808	14.808	199.8	ug/l	7865610	4	13.561	1968310	50.0
Undecane, 2,6-d...	14.855	484.8	ug/l	19085400	4	13.561	1968310	50.0
Benzene, 1-ethy...	15.079	265.6	ug/l	10456900	4	13.561	1968310	50.0
Pentadecane, 2,...	15.349	504.4	ug/l	19856700	4	13.561	1968310	50.0
unknown15.696	15.696	176.6	ug/l	6950200	4	13.561	1968310	50.0
unknown15.761	15.761	191.4	ug/l	7535100	4	13.561	1968310	50.0