

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071544.D
 Acq On : 30 Dec 2021 12:54
 Operator : VA/SY
 Sample : M5237-04
 Misc : 5.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1D

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: VD071544.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.962	503	517	521	rBV4	75936	277020	1.10%	0.074%
2	5.491	594	607	621	rBV2	175776	600359	2.37%	0.161%
3	5.997	681	693	703	rBV2	96700	287447	1.14%	0.077%
4	7.026	860	868	879	rVB2	102420	295395	1.17%	0.079%
5	7.914	1007	1019	1023	rBV	283026	723000	2.86%	0.194%
6	7.973	1023	1029	1038	rVV3	822783	2151799	8.51%	0.578%
7	8.061	1038	1044	1055	rVV	305766	775208	3.07%	0.208%
8	8.185	1055	1065	1071	rVV2	334635	794001	3.14%	0.213%
9	8.244	1071	1075	1082	rVV	173423	427769	1.69%	0.115%
10	8.326	1082	1089	1099	rVV	247145	600135	2.37%	0.161%
11	8.461	1101	1112	1118	rVV4	477086	1180145	4.67%	0.317%
12	8.532	1118	1124	1129	rVV3	392174	907673	3.59%	0.244%
13	8.597	1129	1135	1146	rVV2	631697	1454769	5.75%	0.391%
14	8.720	1146	1156	1166	rVB	371066	737046	2.91%	0.198%
15	8.861	1171	1180	1195	rBV	878516	1881208	7.44%	0.505%
16	9.350	1248	1263	1270	rBV	2222542	5824394	23.03%	1.565%
17	9.403	1270	1272	1281	rVV2	287322	472318	1.87%	0.127%
18	9.532	1281	1294	1300	rVV2	263071	615386	2.43%	0.165%
19	9.626	1300	1310	1318	rVB2	544943	1256507	4.97%	0.338%
20	9.767	1326	1334	1341	rVB2	737615	1408901	5.57%	0.378%
21	9.914	1354	1359	1363	rBV2	280682	481368	1.90%	0.129%
22	9.973	1363	1369	1373	rBV2	528088	964146	3.81%	0.259%
23	10.102	1383	1391	1396	rBV4	558688	1502559	5.94%	0.404%
24	10.220	1404	1411	1415	rBV2	228307	502077	1.99%	0.135%
25	10.332	1422	1430	1435	rBV	3448237	6675279	26.40%	1.793%
26	10.455	1446	1451	1454	rBV	285943	479727	1.90%	0.129%
27	10.514	1454	1461	1470	rVB4	1540499	3680608	14.56%	0.989%
28	10.632	1470	1481	1483	rBV4	337883	681569	2.70%	0.183%
29	10.673	1483	1488	1496	rVB	1439382	2622604	10.37%	0.704%
30	10.767	1496	1504	1510	rBV4	915511	2250540	8.90%	0.605%
31	10.855	1515	1519	1525	rVB	506499	833942	3.30%	0.224%
32	10.944	1525	1534	1541	rBV	1053634	2039126	8.06%	0.548%
33	11.050	1541	1552	1559	rBV3	838545	2545012	10.07%	0.684%
34	11.114	1559	1563	1567	rVV2	600203	1042176	4.12%	0.280%
35	11.155	1567	1570	1571	rVV2	465872	594569	2.35%	0.160%
36	11.185	1571	1575	1579	rVV	1963518	3190898	12.62%	0.857%

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37	11.238	1579	1584	1590	rVV	2933095	5185287	20.51%	1.393%
38	11.291	1590	1593	1597	rVV2	590280	886440	3.51%	0.238%
39	11.349	1597	1603	1607	rVV2	1502641	2531775	10.01%	0.680%
40	11.438	1607	1618	1627	rVB7	1449609	4620141	18.27%	1.241%
41	11.520	1627	1632	1637	rBV	1194225	1980593	7.83%	0.532%
42	11.638	1646	1652	1657	rBV	1387426	2340762	9.26%	0.629%
43	11.732	1664	1668	1671	rBV	383979	595366	2.35%	0.160%
44	11.773	1671	1675	1678	rVV2	711900	1009008	3.99%	0.271%
45	11.820	1678	1683	1686	rVV4	1096237	2295599	9.08%	0.617%
46	11.879	1690	1693	1697	rVV	1799667	3080183	12.18%	0.827%
47	11.920	1697	1700	1706	rVB3	1547495	2686446	10.62%	0.722%
48	11.985	1706	1711	1714	rBV3	464167	842752	3.33%	0.226%
49	12.067	1716	1725	1731	rVB5	641943	1859138	7.35%	0.499%
50	12.144	1731	1738	1744	rBV3	3063119	6922996	27.38%	1.860%
51	12.202	1744	1748	1751	rBV2	471586	602386	2.38%	0.162%
52	12.261	1751	1758	1762	rVB	3334174	5788315	22.89%	1.555%
53	12.349	1762	1773	1774	rBV4	3624047	7641357	30.22%	2.053%
54	12.373	1774	1777	1784	rVB2	3599773	7993171	31.61%	2.147%
55	12.520	1797	1802	1803	rBV3	1215762	1845612	7.30%	0.496%
56	12.549	1804	1807	1815	rVB2	4098403	7915964	31.31%	2.126%
57	12.626	1815	1820	1823	rBV2	2255970	3811674	15.07%	1.024%
58	12.655	1823	1825	1829	rVB	965542	1117529	4.42%	0.300%
59	12.708	1829	1834	1839	rBV3	1214716	2328285	9.21%	0.625%
60	12.785	1843	1847	1854	rVB3	3890307	7099400	28.08%	1.907%
61	12.867	1854	1861	1867	rBV7	1788254	5407402	21.39%	1.453%
62	12.944	1867	1874	1880	rBV6	4900673	12080752	47.78%	3.245%
63	13.085	1894	1898	1902	rBV3	2252190	3261373	12.90%	0.876%
64	13.138	1902	1907	1909	rBV3	1901998	2907988	11.50%	0.781%
65	13.173	1909	1913	1926	rVB	8585343	14132790	55.89%	3.796%
66	13.273	1926	1930	1932	rBV4	1225564	1801568	7.12%	0.484%
67	13.302	1932	1935	1939	rVB	1509086	1719573	6.80%	0.462%
68	13.349	1939	1943	1947	rBV2	2271070	3541752	14.01%	0.951%
69	13.455	1955	1961	1965	rBV5	5002236	9055117	35.81%	2.432%
70	13.496	1965	1968	1971	rVV	3520293	4378740	17.32%	1.176%
71	13.526	1971	1973	1976	rVV3	1700634	2011646	7.96%	0.540%
72	13.561	1977	1979	1983	rVB	1630249	1817394	7.19%	0.488%
73	13.632	1988	1991	1997	rBV5	1413224	1938489	7.67%	0.521%
74	13.708	1998	2004	2009	rBV4	2505763	5760840	22.78%	1.547%
75	13.832	2018	2025	2028	rBV3	1187248	2978550	11.78%	0.800%
76	13.885	2028	2034	2038	rBV2	9011024	16484967	65.20%	4.428%

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77	13.926	2039	2041	2046	rVB3	2581320	3310905	13.09%	0.889%
78	13.991	2049	2052	2055	rVV3	1549558	2230034	8.82%	0.599%
79	14.102	2067	2071	2075	rVV2	3433054	4785115	18.92%	1.285%
80	14.143	2075	2078	2084	rVB2	4816884	7266183	28.74%	1.952%
81	14.208	2084	2089	2095	rBV3	4732915	8731843	34.53%	2.346%
82	14.273	2095	2100	2106	rBV5	4492009	7785115	30.79%	2.091%
83	14.396	2111	2121	2125	rBV7	9327962	25285307	100.00%	6.792%
84	14.508	2136	2140	2143	rBV5	3004975	5069465	20.05%	1.362%
85	14.555	2145	2148	2153	rVB4	3792353	6133280	24.26%	1.648%
86	14.808	2186	2191	2195	rBV3	7856823	15845931	62.67%	4.256%
87	14.855	2195	2199	2206	rVB2	12683944	22972298	90.85%	6.171%
88	15.079	2233	2237	2241	rVB3	4433184	6834139	27.03%	1.836%
89	15.349	2278	2283	2290	rVB	6647129	11765327	46.53%	3.160%
90	15.426	2292	2296	2301	rBV5	1599744	3500775	13.85%	0.940%
91	15.655	2332	2335	2336	rBV3	1137846	1247814	4.93%	0.335%
92	15.761	2348	2353	2360	rVB5	3816166	7903946	31.26%	2.123%
93	16.673	2502	2508	2522	rVB5	2037321	6594382	26.08%	1.771%

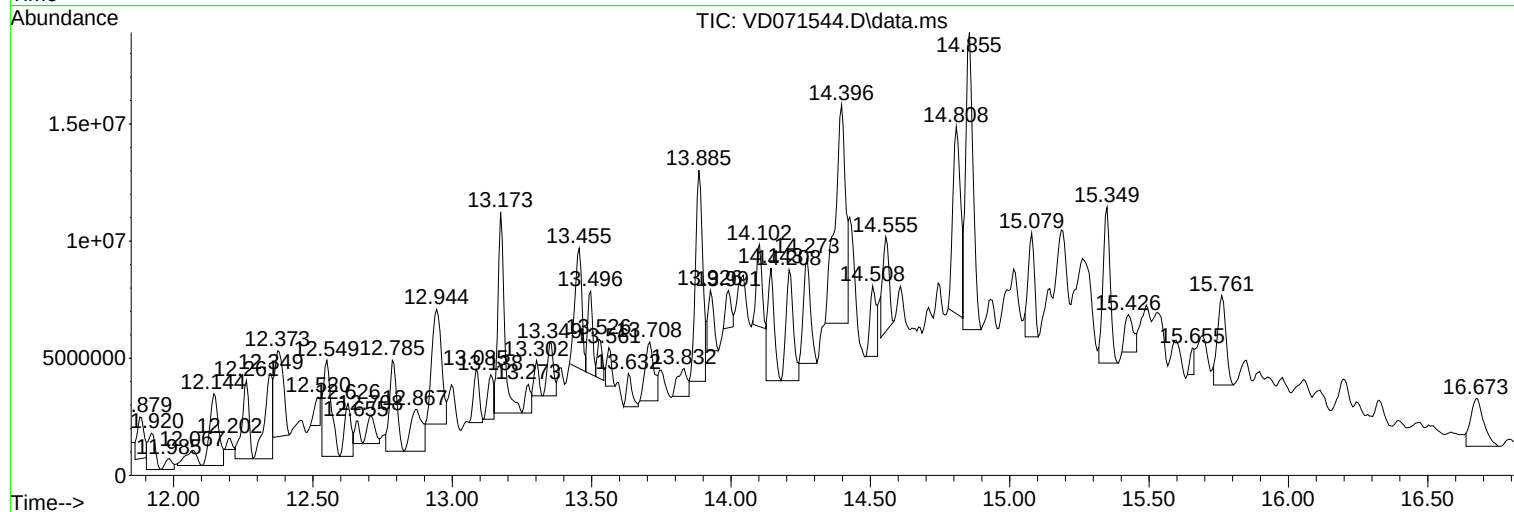
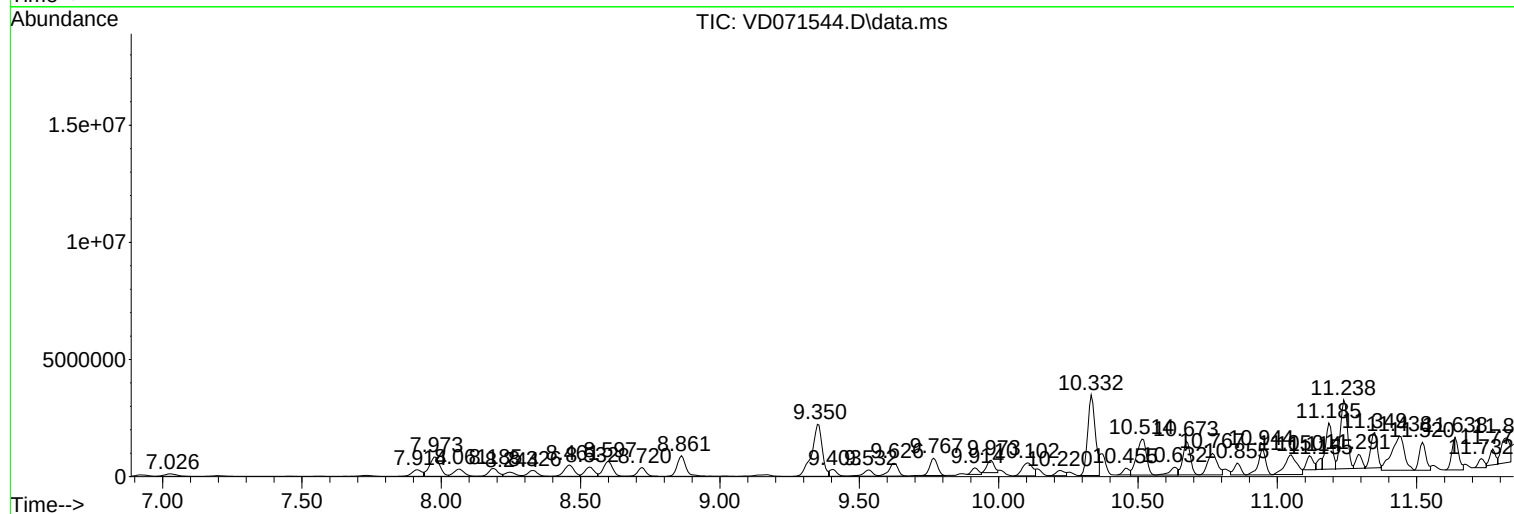
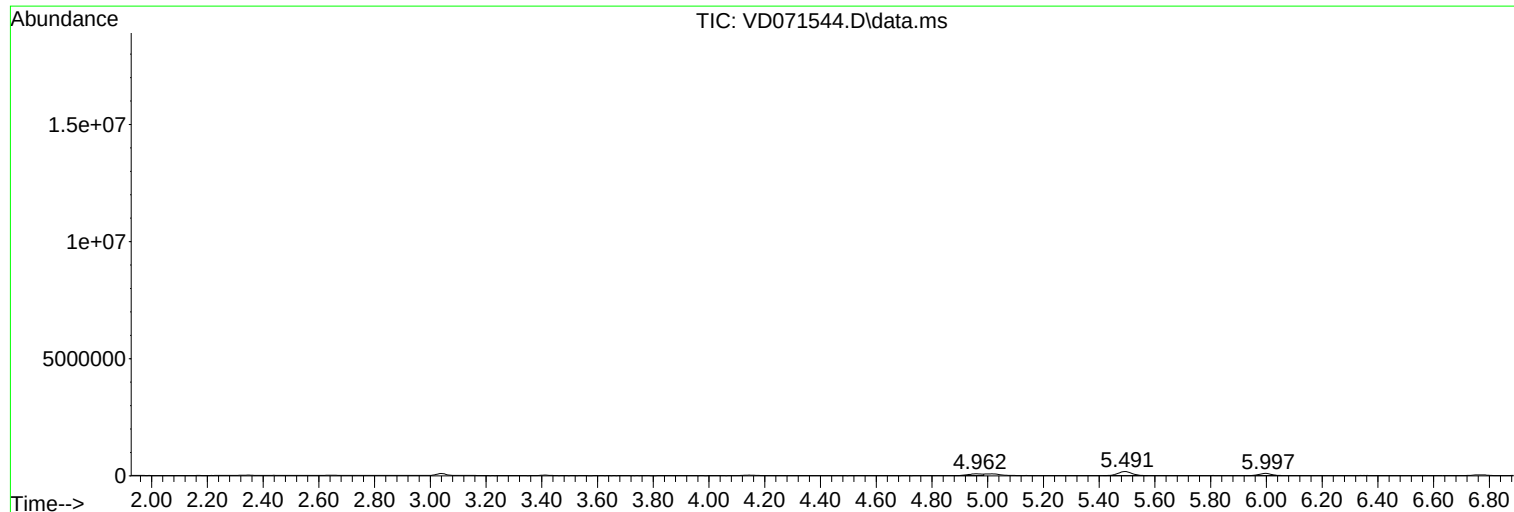
Sum of corrected areas: 372277659

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
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Instrument :
MSVOA_D
ClientSampleId :
TP-1D

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\VD123021\
Data File : VD071544.D
Acq On : 30 Dec 2021 12:54
Operator : VA/SY
Sample : M5237-04
Misc : 5.85G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1D

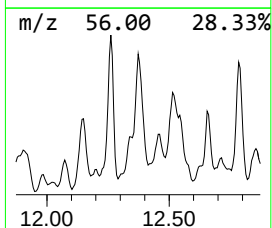
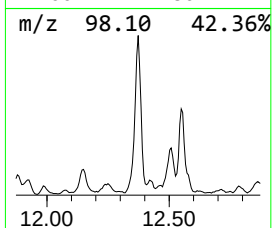
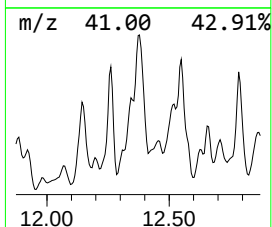
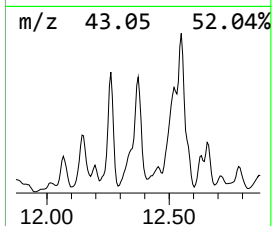
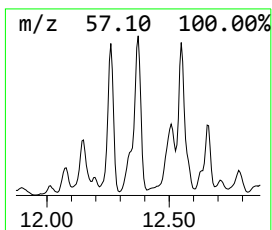
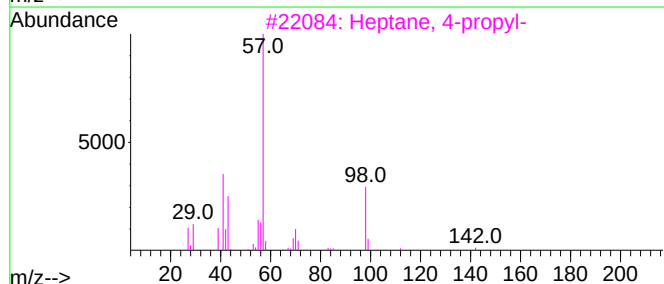
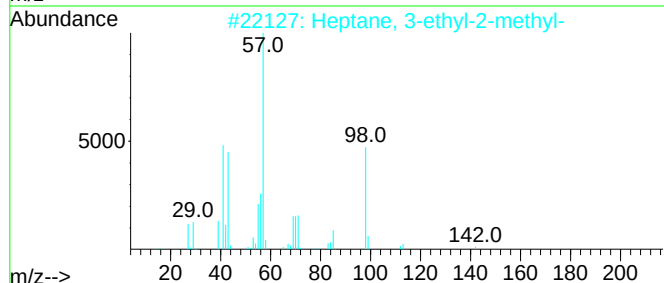
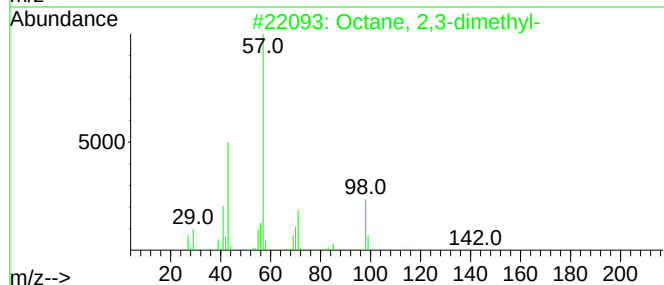
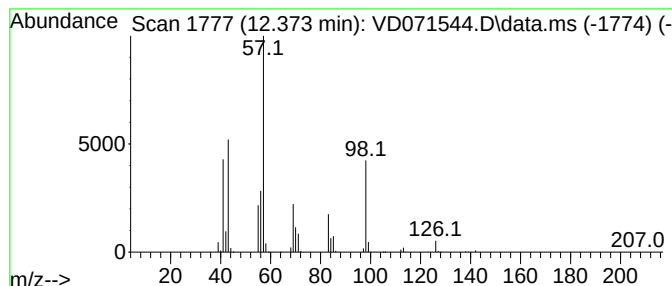
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown12.373 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.373	170.74 ug/l	7993170	Chlorobenzene-d5	11.638

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	46
3			Heptane, 4-propyl-	142	C10H22	003178-29-8	45
4			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	43
5			Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	43



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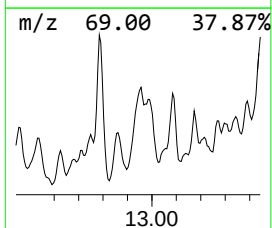
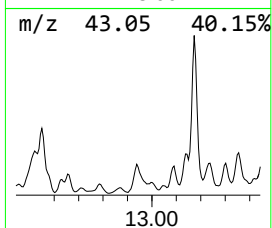
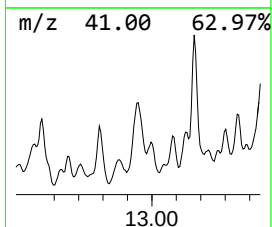
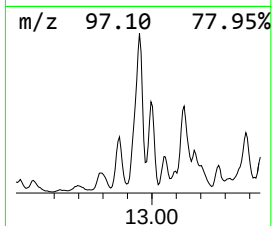
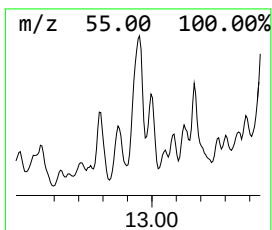
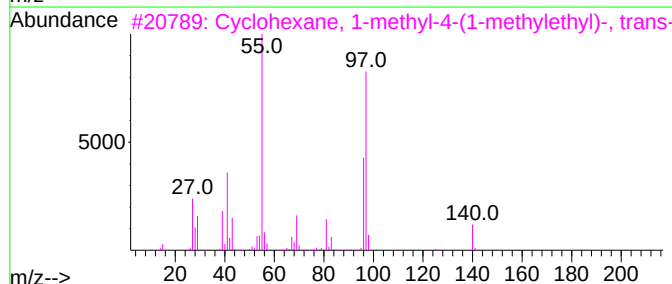
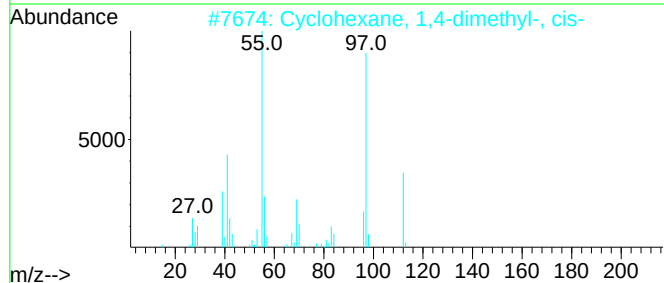
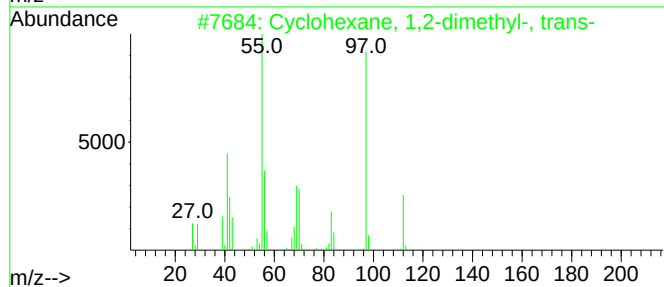
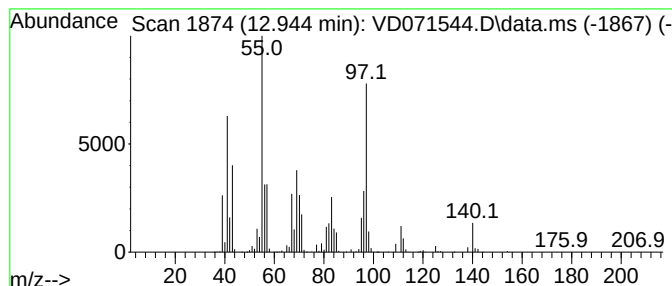
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.944	332.37 ug/l	12080800	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	58
2			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	52
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	49
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	49
5			Cyclodecane	140	C10H20	000293-96-9	46



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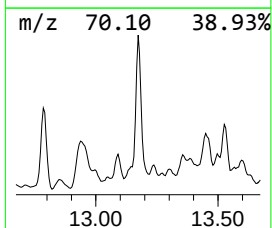
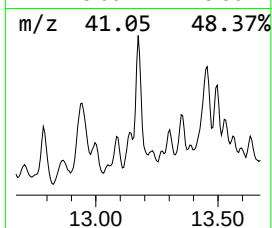
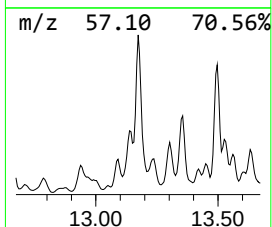
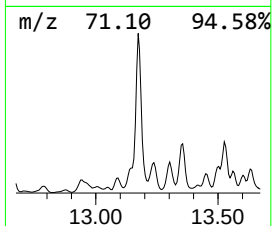
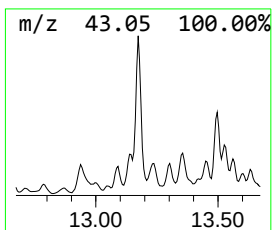
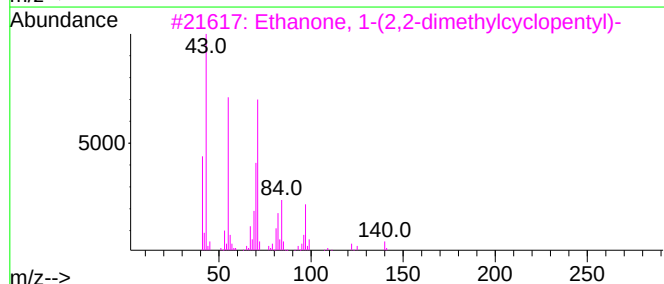
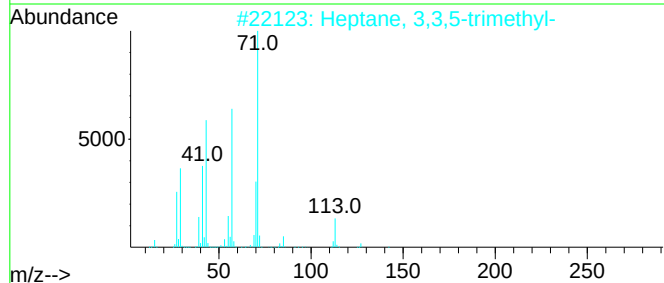
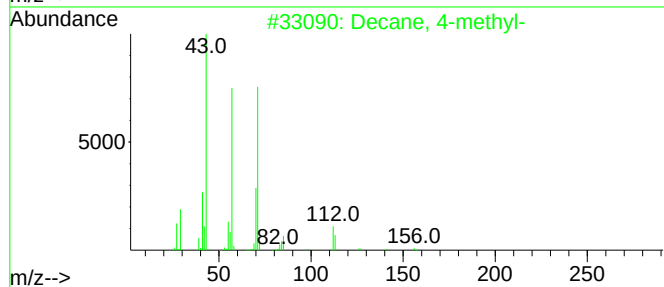
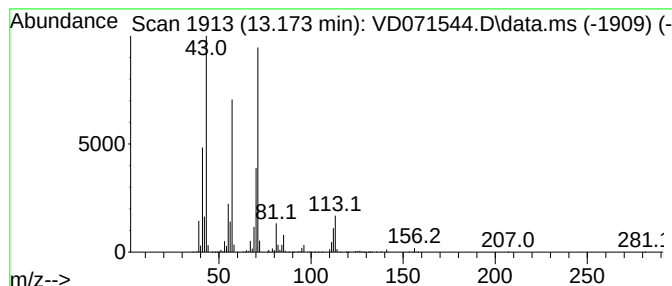
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

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

Peak Number 3 Decane, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.173	388.82 ug/l	14132800	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	83
2			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
3			Ethanone, 1-(2,2-dimethylcyclope...	140	C9H16O	003664-75-3	64
4			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
5			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071544.D
Acq On : 30 Dec 2021 12:54
Operator : VA/SY
Sample : M5237-04
Misc : 5.85G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1D

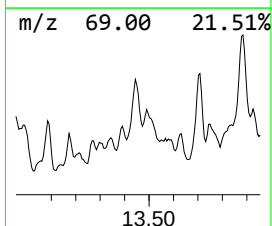
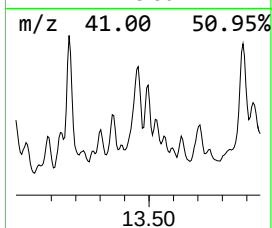
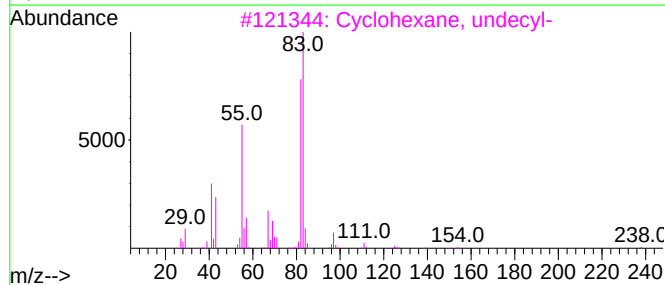
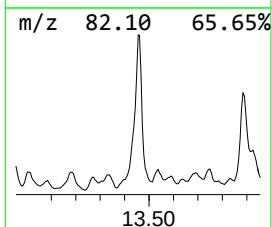
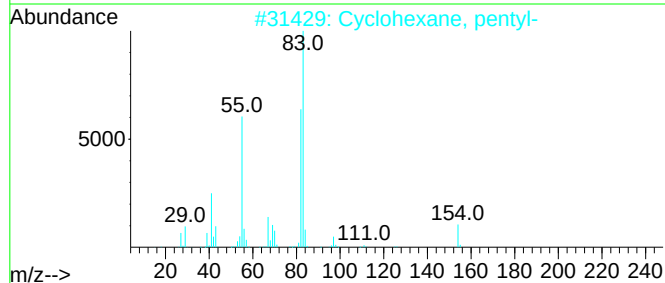
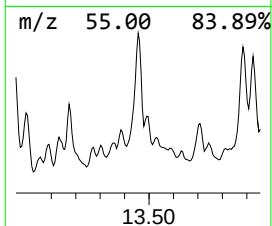
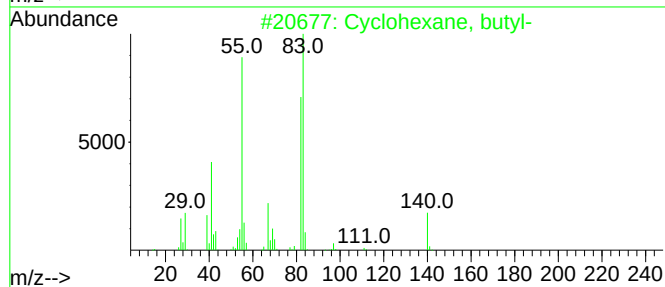
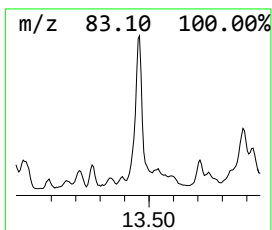
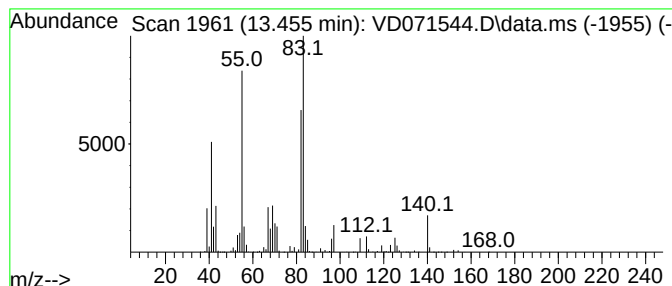
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Quant Title : SW846 8260

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

Peak Number 4 Cyclohexane, butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.455	249.12 ug/l	9055120	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
3			Cyclohexane, undecyl-	238	C17H34	054105-66-7	72
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071544.D
Acq On : 30 Dec 2021 12:54
Operator : VA/SY
Sample : M5237-04
Misc : 5.85G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1D

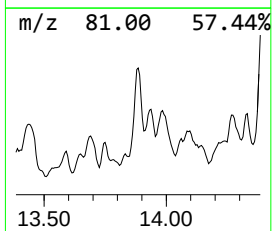
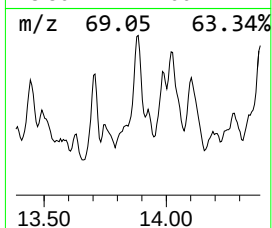
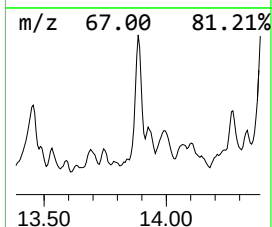
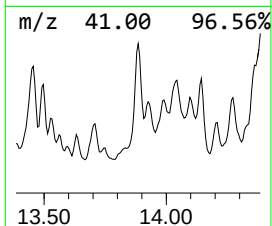
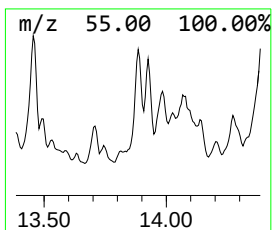
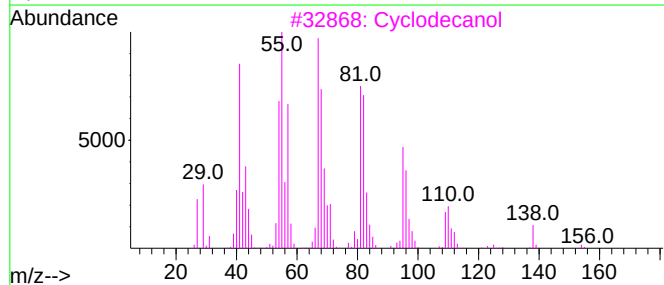
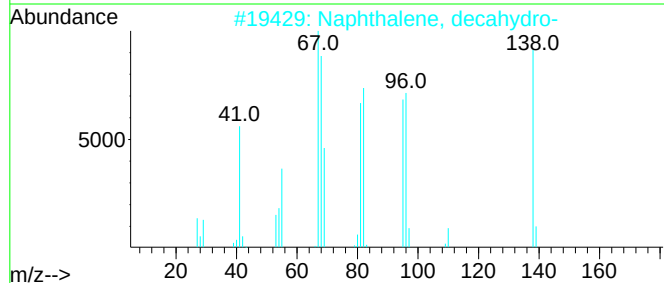
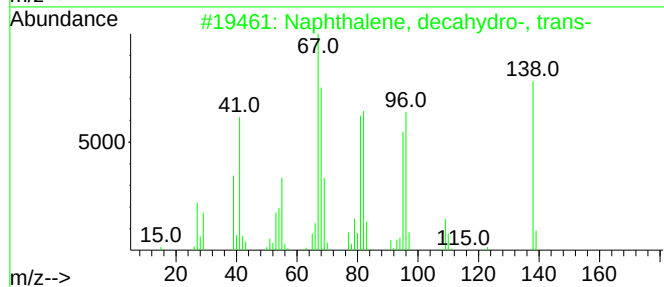
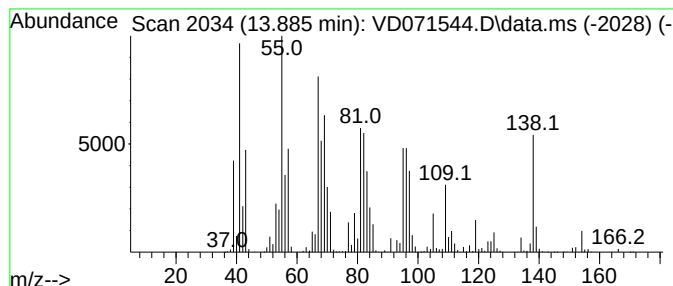
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, decahydro-, tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.885	453.53 ug/l	16485000	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3			Cyclodecanol	156	C10H20O	001502-05-2	90
4			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	70
5			Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071544.D
Acq On : 30 Dec 2021 12:54
Operator : VA/SY
Sample : M5237-04
Misc : 5.85G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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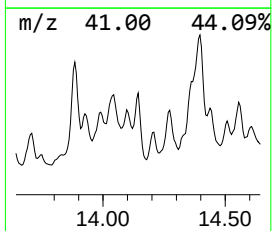
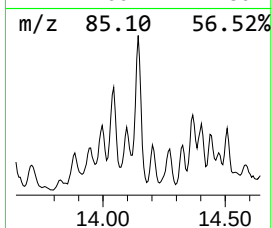
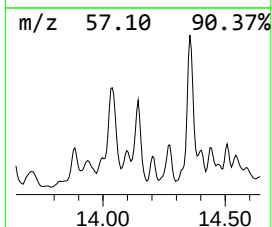
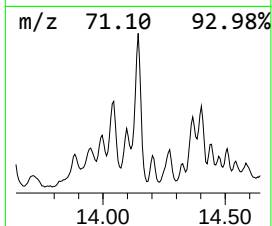
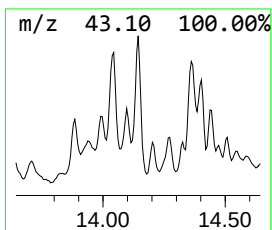
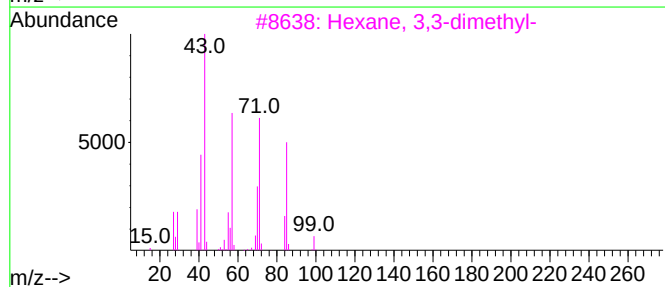
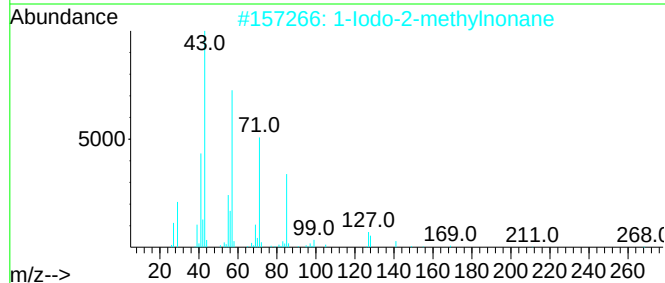
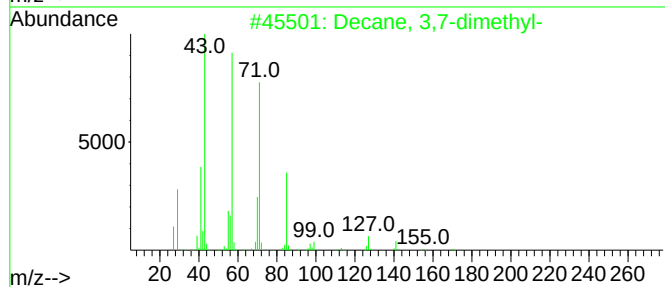
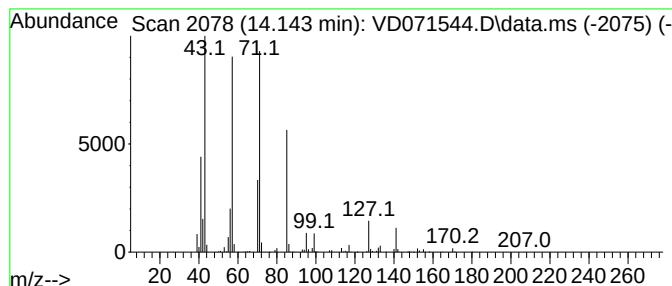
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Quant Title : SW846 8260

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

Peak Number 6 Decane, 3,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.144	199.91 ug/l	7266180	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	94
2			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
3			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
4			Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
5			Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071544.D
Acq On : 30 Dec 2021 12:54
Operator : VA/SY
Sample : M5237-04
Misc : 5.85G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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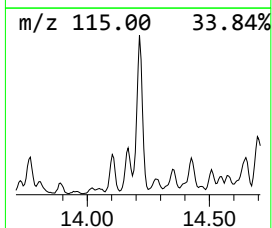
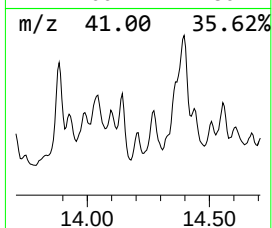
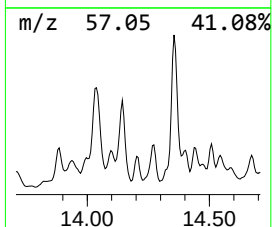
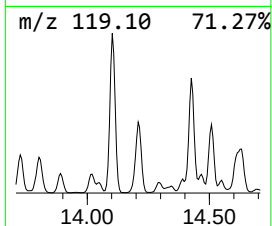
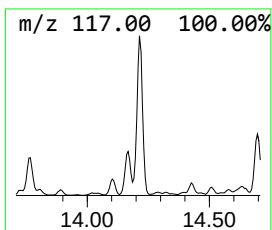
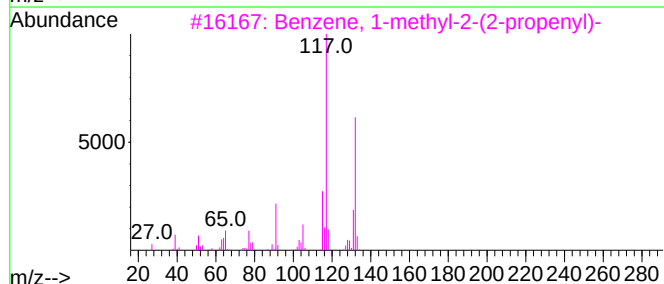
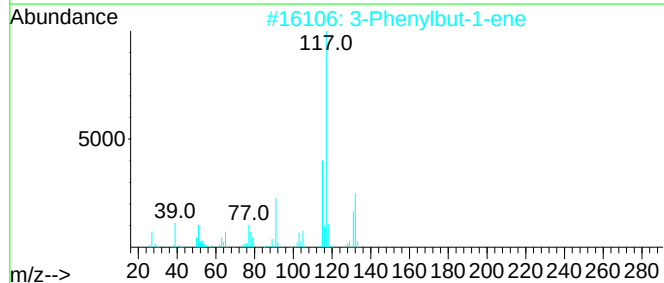
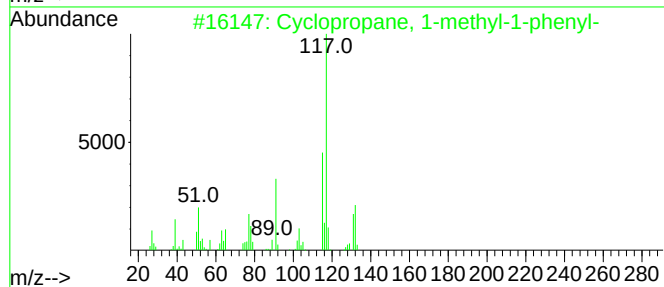
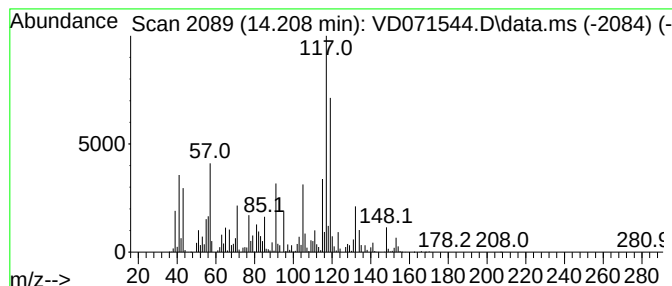
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Quant Title : SW846 8260

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

Peak Number 7 Cyclopropane, 1-methyl-1-ph... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.208	240.23 ug/l	8731840	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	60
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	53
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	53
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071544.D
Acq On : 30 Dec 2021 12:54
Operator : VA/SY
Sample : M5237-04
Misc : 5.85G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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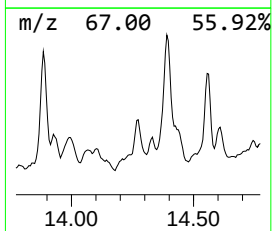
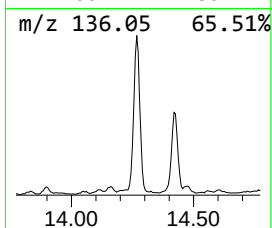
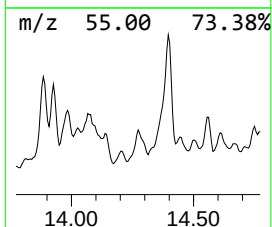
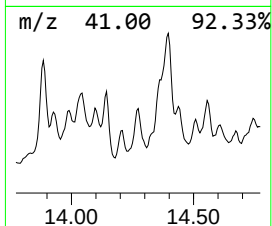
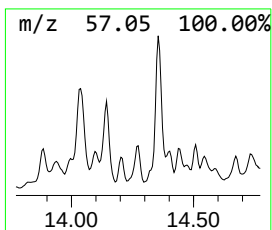
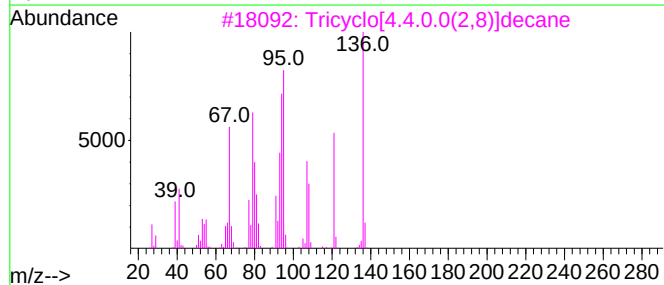
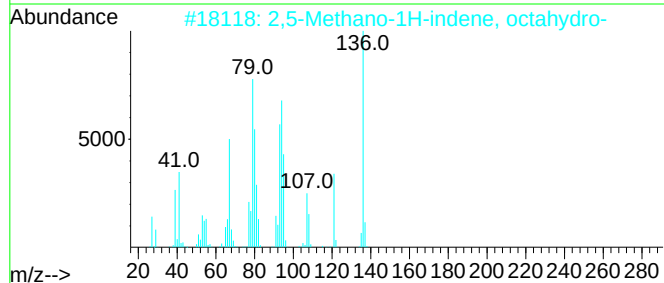
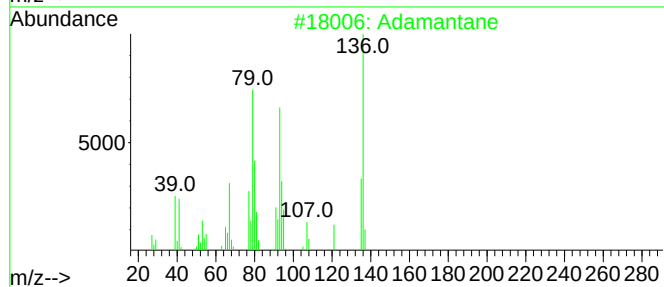
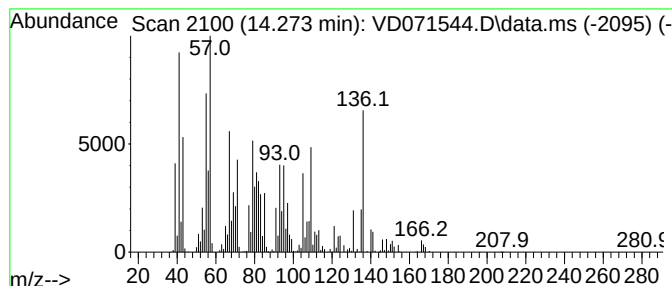
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Quant Title : SW846 8260

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

Peak Number 8 Adamantane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.273	214.18 ug/l	7785120	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adamantane	136	C10H16	000281-23-2	55
2			2,5-Methano-1H-indene, octahydro-	136	C10H16	019026-94-9	55
3			Tricyclo[4.4.0.0(2,8)]decane	136	C10H16	049700-59-6	43
4			Bicyclo[3.3.1]non-2-en-9-one	136	C9H12O	004844-11-5	41
5			Cyclohexanol, 2-methyl-5-(1-meth...	154	C10H18O	038049-26-2	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071544.D
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Sample : M5237-04
Misc : 5.85G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

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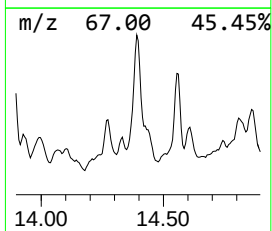
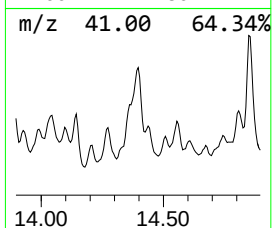
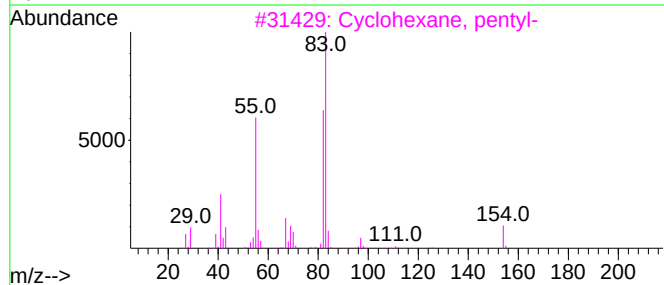
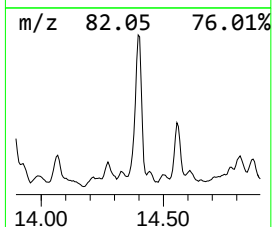
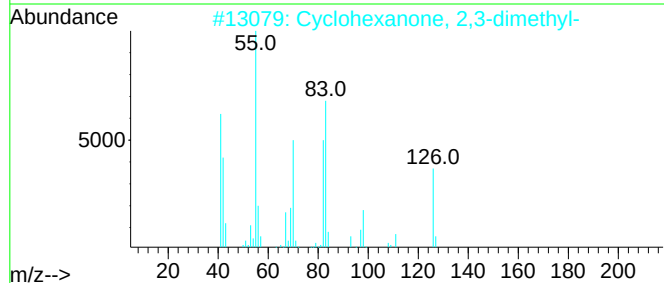
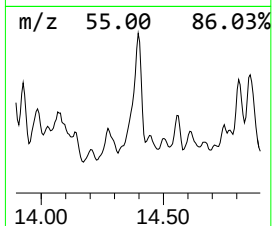
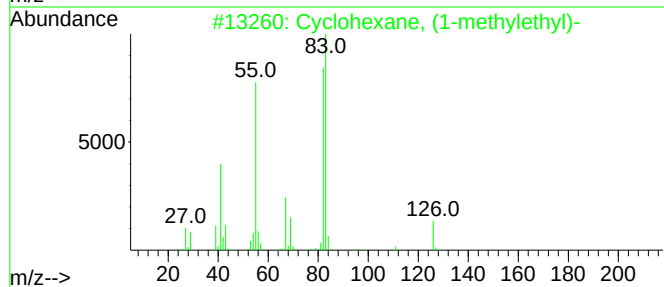
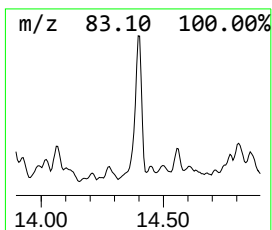
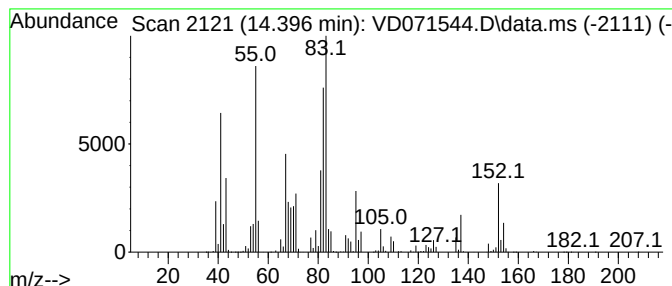
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Quant Title : SW846 8260

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

Peak Number 9 Cyclohexane, (1-methylethyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.396	695.65 ug/l	25285300	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
2			Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	58
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	50
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071544.D
Acq On : 30 Dec 2021 12:54
Operator : VA/SY
Sample : M5237-04
Misc : 5.85G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1D

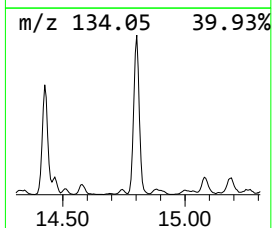
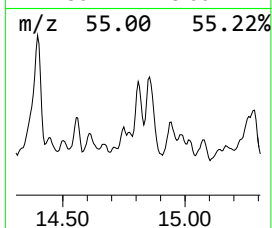
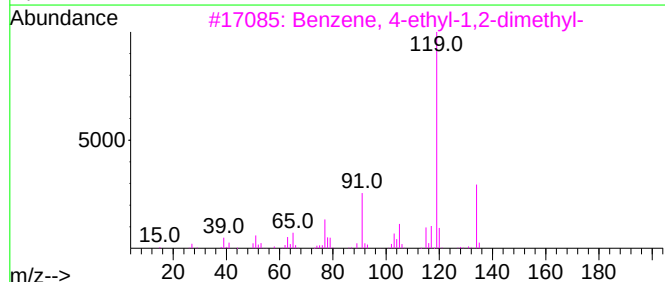
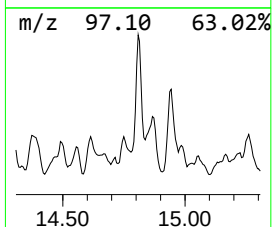
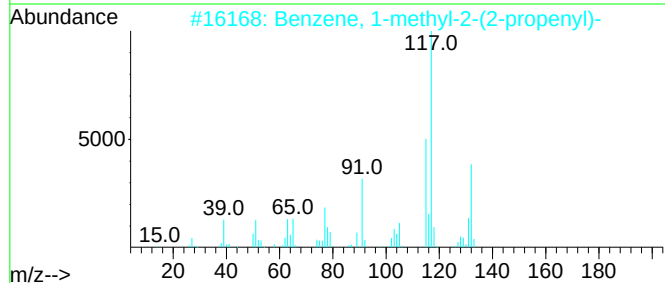
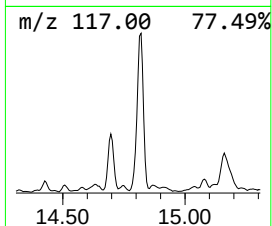
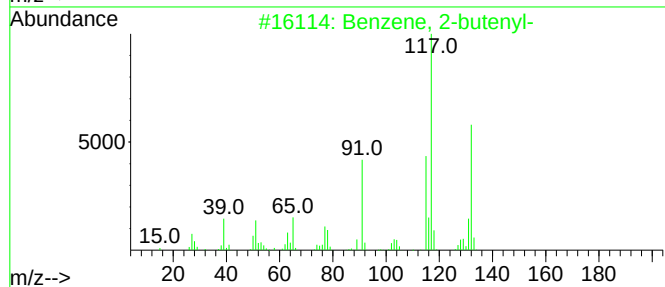
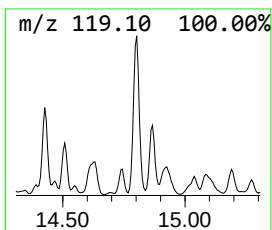
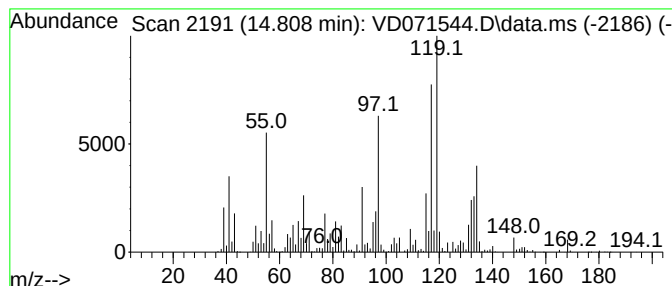
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, 2-butenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.808	435.95 ug/l	15845900	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
2			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	56
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	46
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071544.D
Acq On : 30 Dec 2021 12:54
Operator : VA/SY
Sample : M5237-04
Misc : 5.85G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1D

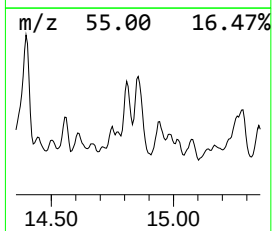
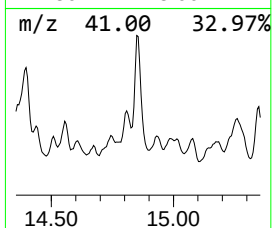
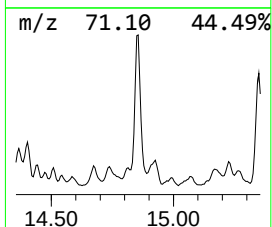
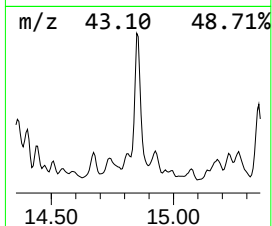
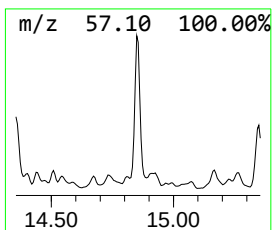
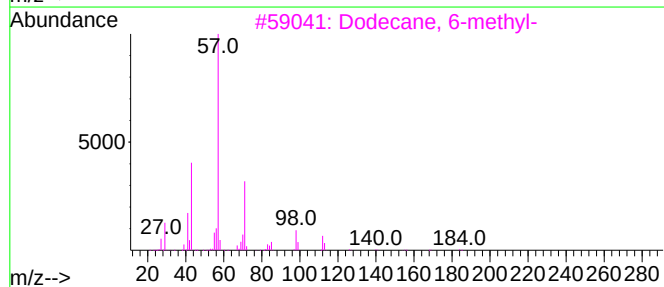
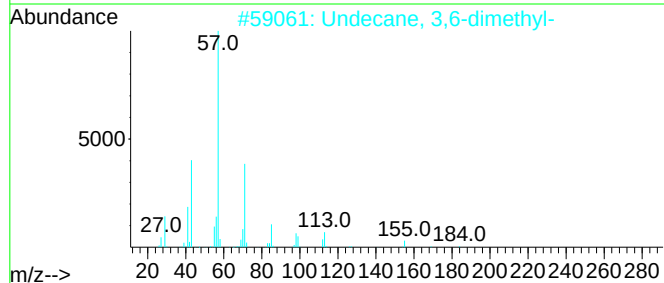
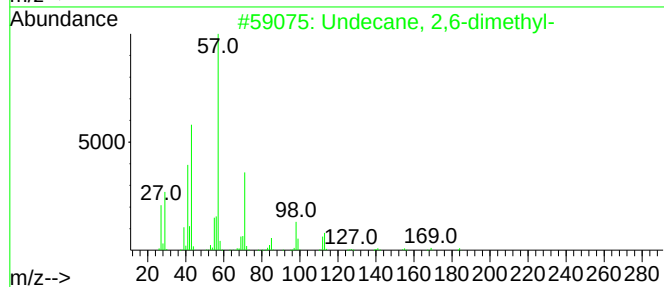
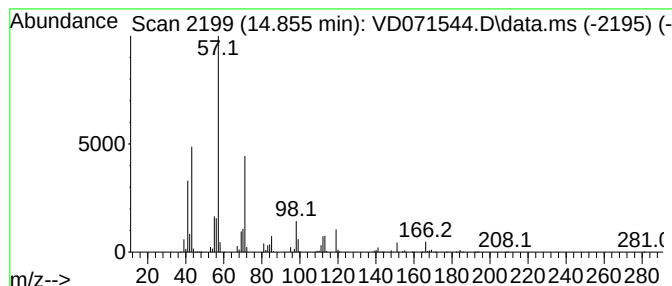
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Quant Title : SW846 8260

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	632.01 ug/l	22972300	1,4-Dichlorobenzene-d4	13.567

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			Dodecane, 6-methyl-	184	C13H28	006044-71-9	60
4			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	53
5			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071544.D
Acq On : 30 Dec 2021 12:54
Operator : VA/SY
Sample : M5237-04
Misc : 5.85G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1D

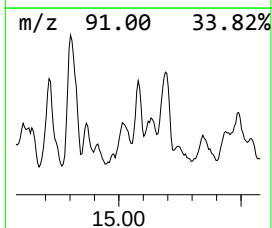
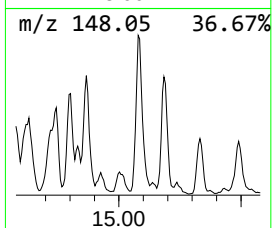
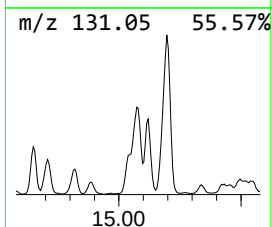
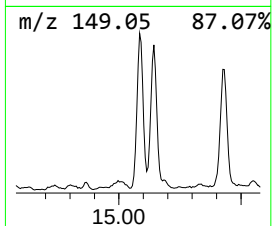
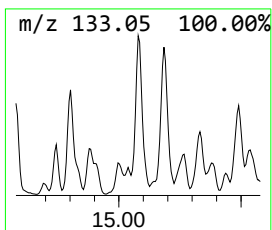
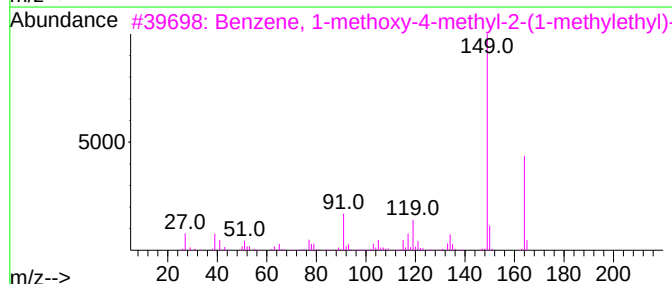
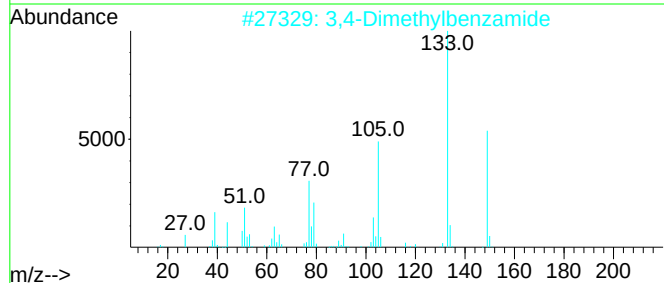
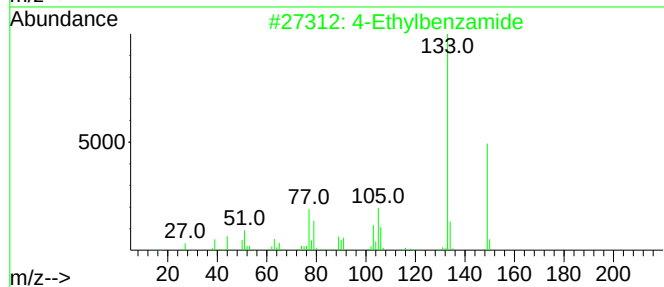
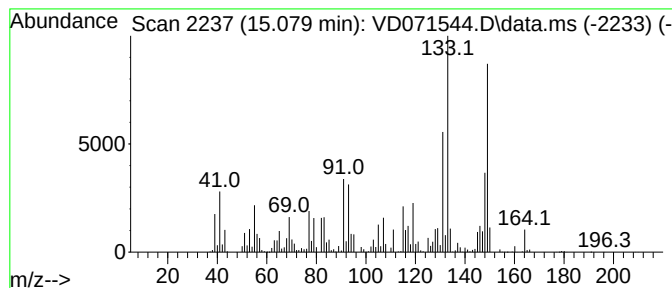
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Quant Title : SW846 8260

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

Peak Number 12 unknown15.079 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.079	188.02 ug/l	6834140	1,4-Dichlorobenzene-d4	13.567

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Ethylbenzamide	149	C9H11NO	033695-58-8	49
2		3,4-Dimethylbenzamide	149	C9H11NO	005580-33-6	46
3		Benzene, 1-methoxy-4-methyl-2-(1...	164	C11H16O	031574-44-4	42
4		Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	38
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071544.D
Acq On : 30 Dec 2021 12:54
Operator : VA/SY
Sample : M5237-04
Misc : 5.85G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1D

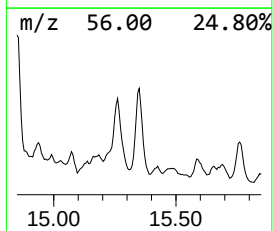
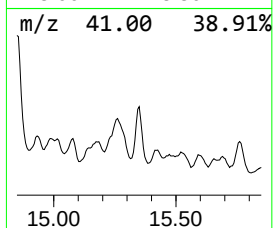
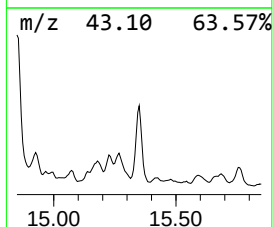
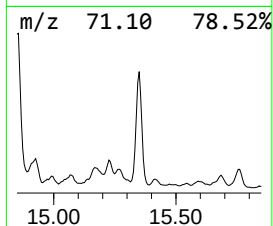
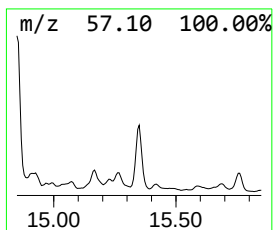
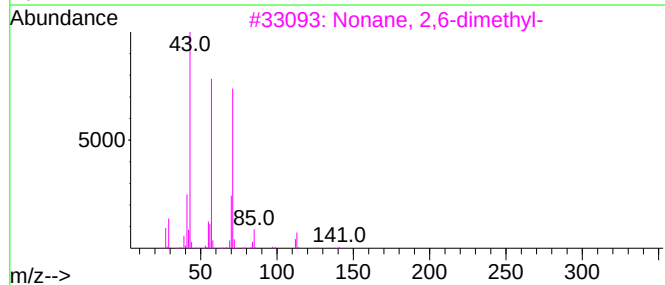
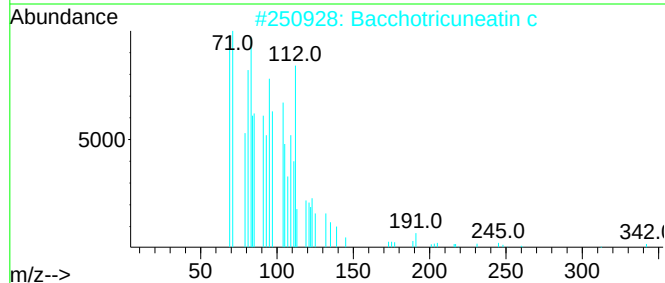
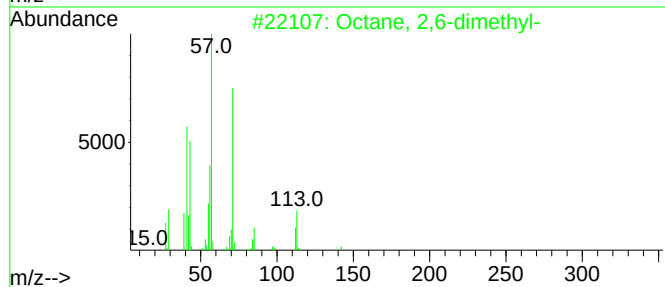
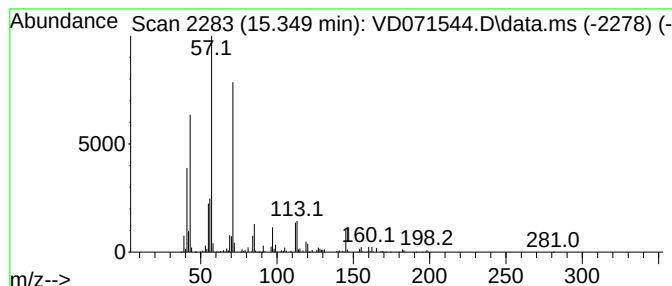
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Quant Title : SW846 8260

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

Peak Number 13 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.349	323.69 ug/l	11765300	1,4-Dichlorobenzene-d4	13.567

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	76
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
3		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
4		Tridecane, 7-methyl-	198	C14H30	026730-14-3	62
5		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071544.D
Acq On : 30 Dec 2021 12:54
Operator : VA/SY
Sample : M5237-04
Misc : 5.85G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1D

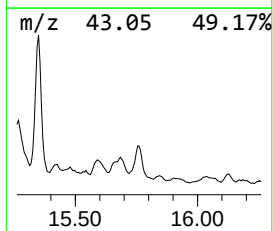
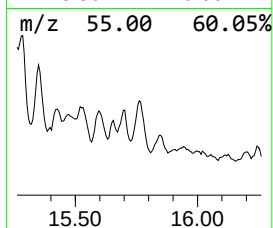
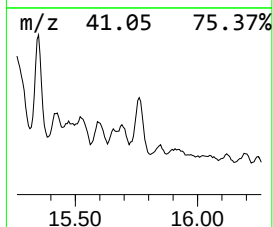
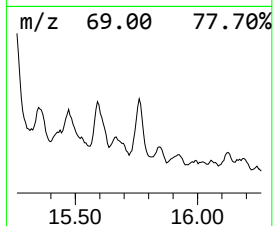
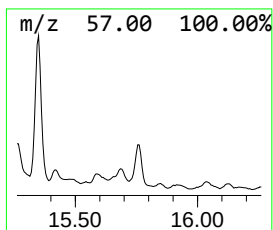
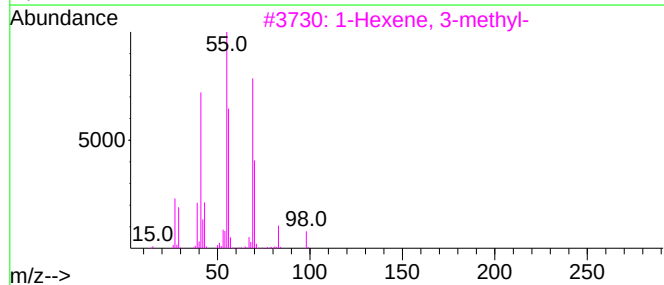
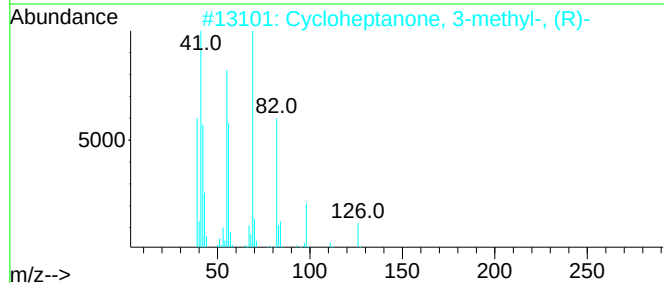
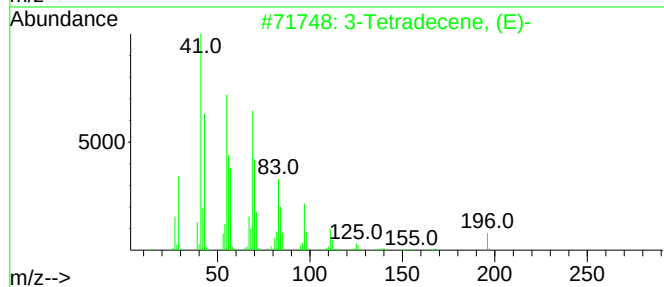
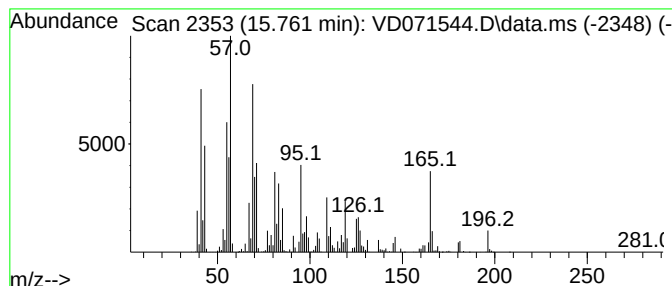
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Quant Title : SW846 8260

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

Peak Number 14 unknown15.761 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.761	217.45 ug/l	7903950	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Tetradecene, (E)-	196	C14H28	041446-68-8	41
2			Cycloheptanone, 3-methyl-, (R)-	126	C8H14O	013609-58-0	30
3			1-Hexene, 3-methyl-	98	C7H14	003404-61-3	30
4			2-Methyl-2-octene	126	C9H18	016993-86-5	27
5			3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071544.D
Acq On : 30 Dec 2021 12:54
Operator : VA/SY
Sample : M5237-04
Misc : 5.85G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1D

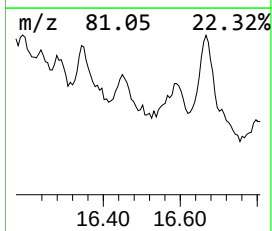
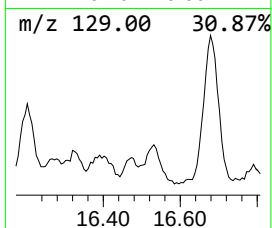
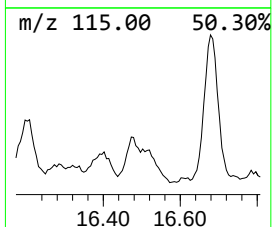
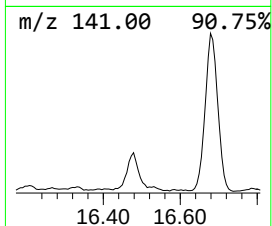
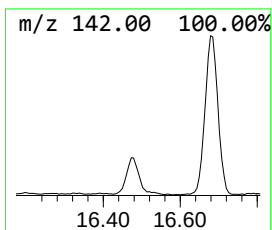
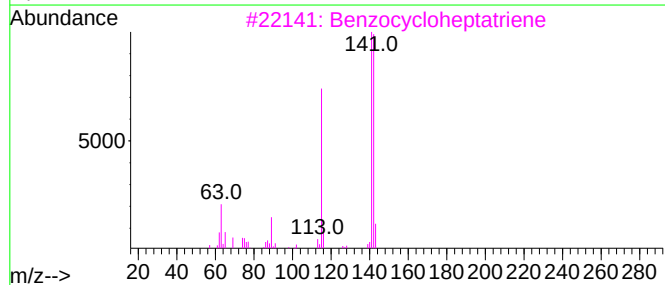
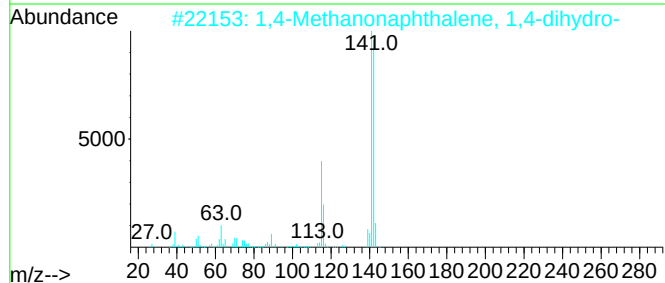
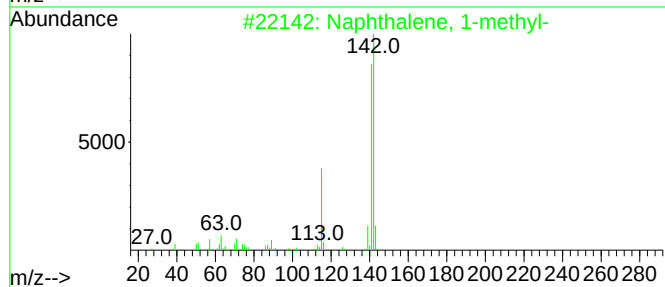
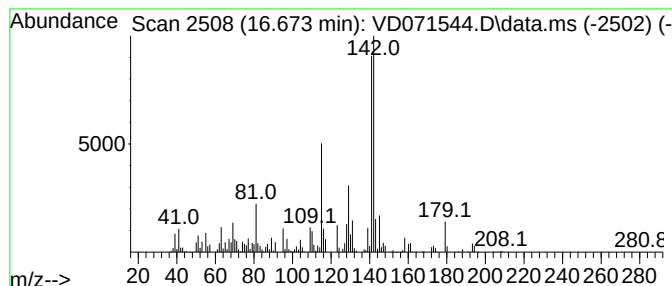
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

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

Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.673	181.42 ug/l	6594380	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	89
3			Benzocycloheptatriene	142	C11H10	000264-09-5	76
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	70
5			1-Naphthaleneethylamine	171	C12H13N	004735-50-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071544.D
 Acq On : 30 Dec 2021 12:54
 Operator : VA/SY
 Sample : M5237-04
 Misc : 5.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1D

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
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Decane, 4-methyl-	13.173	388.8	ug/l	14132800	4	13.567	1817390	50.0
Cyclohexane, bu...	13.455	249.1	ug/l	9055120	4	13.567	1817390	50.0
Naphthalene, de...	13.885	453.5	ug/l	16485000	4	13.567	1817390	50.0
Decane, 3,7-dim...	14.144	199.9	ug/l	7266180	4	13.567	1817390	50.0
Cyclopropane, 1...	14.208	240.2	ug/l	8731840	4	13.567	1817390	50.0
Adamantane	14.273	214.2	ug/l	7785120	4	13.567	1817390	50.0
Cyclohexane, (1...	14.396	695.6	ug/l	25285300	4	13.567	1817390	50.0
Benzene, 2-bute...	14.808	435.9	ug/l	15845900	4	13.567	1817390	50.0
Undecane, 2,6-d...	14.855	632.0	ug/l	22972300	4	13.567	1817390	50.0
unknown15.079	15.079	188.0	ug/l	6834140	4	13.567	1817390	50.0
Octane, 2,6-dim...	15.349	323.7	ug/l	11765300	4	13.567	1817390	50.0
unknown15.761	15.761	217.4	ug/l	7903950	4	13.567	1817390	50.0
Naphthalene, 1-...	16.673	181.4	ug/l	6594380	4	13.567	1817390	50.0