

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
 Data File : VD069894.D
 Acq On : 28 Jul 2021 17:48
 Operator : VA/SY
 Sample : M3206-02
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210581-COM-4

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\82D072221S.M
 Title : SW846 8260

Signal : TIC: VD069894.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.162	371	381	388	rBV	37561	110091	2.53%	0.297%
2	4.244	388	395	403	rVB4	17980	52900	1.22%	0.143%
3	4.403	413	422	437	rBV	34510	112058	2.58%	0.302%
4	4.962	505	517	530	rBV3	67072	216884	4.98%	0.584%
5	5.985	680	691	692	rBV2	29577	53332	1.23%	0.144%
6	7.203	887	898	908	rBV3	20811	65696	1.51%	0.177%
7	7.914	1007	1019	1024	rBV	571599	1374616	31.59%	3.704%
8	7.979	1024	1030	1040	rVB	917136	2059320	47.33%	5.550%
9	8.326	1079	1089	1101	rBV	604395	1352161	31.08%	3.644%
10	8.861	1171	1180	1194	rBV	1570609	3120176	71.72%	8.409%
11	9.350	1252	1263	1268	rBV6	21618	48403	1.11%	0.130%
12	9.773	1327	1335	1342	rBV3	28009	52873	1.22%	0.142%
13	9.908	1347	1358	1364	rBV5	49906	113502	2.61%	0.306%
14	10.338	1422	1431	1443	rBV	2403916	4350770	100.00%	11.725%
15	10.944	1525	1534	1541	rBV2	38040	79267	1.82%	0.214%
16	11.049	1544	1552	1560	rBV3	33563	89519	2.06%	0.241%
17	11.185	1570	1575	1579	rVV3	29594	50810	1.17%	0.137%
18	11.238	1579	1584	1590	rVB4	53969	99596	2.29%	0.268%
19	11.349	1597	1603	1607	rBV3	47091	79905	1.84%	0.215%
20	11.444	1614	1619	1627	rVB2	50641	97250	2.24%	0.262%
21	11.638	1643	1652	1661	rBV	2254522	3952314	90.84%	10.651%
22	11.702	1661	1663	1670	rVB	37198	55420	1.27%	0.149%
23	11.826	1678	1684	1688	rVV7	52014	111467	2.56%	0.300%
24	11.885	1688	1694	1698	rVV2	158484	310553	7.14%	0.837%
25	11.920	1698	1700	1706	rVB3	86031	132213	3.04%	0.356%
26	11.991	1706	1712	1713	rBV3	26239	47070	1.08%	0.127%
27	12.073	1722	1726	1731	rBV3	56153	85089	1.96%	0.229%
28	12.144	1731	1738	1745	rBV4	169036	439636	10.10%	1.185%
29	12.261	1750	1758	1762	rVB	315271	554442	12.74%	1.494%
30	12.373	1774	1777	1785	rVB2	300642	596735	13.72%	1.608%
31	12.467	1788	1793	1794	rBV3	67919	97111	2.23%	0.262%
32	12.508	1797	1800	1808	rVB6	219119	430367	9.89%	1.160%
33	12.626	1810	1820	1826	rVB2	1969382	3828599	88.00%	10.318%
34	12.714	1826	1835	1838	rBV7	175829	474649	10.91%	1.279%
35	12.785	1839	1847	1854	rVB6	345970	1016976	23.37%	2.741%
36	12.867	1854	1861	1865	rBV5	199201	461980	10.62%	1.245%

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Peak Location: TOP

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37	12.949	1867	1875	1881	rBV5	448708	1289194	29.63%	3.474%
38	13.085	1890	1898	1902	rBV6	200619	401614	9.23%	1.082%
39	13.132	1902	1906	1911	rBV3	107490	209704	4.82%	0.565%
40	13.273	1926	1930	1931	rBV3	67593	81174	1.87%	0.219%
41	13.302	1931	1935	1940	rVV2	195261	315403	7.25%	0.850%
42	13.355	1940	1944	1947	rVB4	90448	132220	3.04%	0.356%
43	13.391	1947	1950	1951	rBV3	61923	72756	1.67%	0.196%
44	13.420	1951	1955	1958	rVV2	330582	552027	12.69%	1.488%
45	13.455	1959	1961	1965	rVB2	301323	390488	8.98%	1.052%
46	13.567	1973	1980	1985	rBV	2040140	3502765	80.51%	9.440%
47	13.608	1985	1987	1997	rVB2	331796	629850	14.48%	1.697%
48	13.702	1999	2003	2008	rVB4	116746	186879	4.30%	0.504%
49	13.890	2029	2035	2039	rBV2	401291	715065	16.44%	1.927%
50	14.085	2065	2068	2073	rVB3	158389	274391	6.31%	0.739%
51	14.143	2074	2078	2085	rVB2	271820	454708	10.45%	1.225%
52	14.208	2085	2089	2093	rBV5	91273	134448	3.09%	0.362%
53	14.273	2096	2100	2107	rVB6	110524	208529	4.79%	0.562%
54	14.332	2107	2110	2115	rVB6	56582	89170	2.05%	0.240%
55	14.396	2115	2121	2126	rBV3	254937	502298	11.55%	1.354%
56	14.520	2136	2142	2144	rBV4	89078	172640	3.97%	0.465%
57	14.561	2145	2149	2152	rVB3	121716	195966	4.50%	0.528%
58	14.743	2178	2180	2184	rBV4	35028	56252	1.29%	0.152%
59	14.873	2197	2202	2207	rVB7	72684	145501	3.34%	0.392%
60	15.355	2279	2284	2291	rBV5	84784	140335	3.23%	0.378%
61	16.326	2446	2449	2456	rVB4	44520	79858	1.84%	0.215%

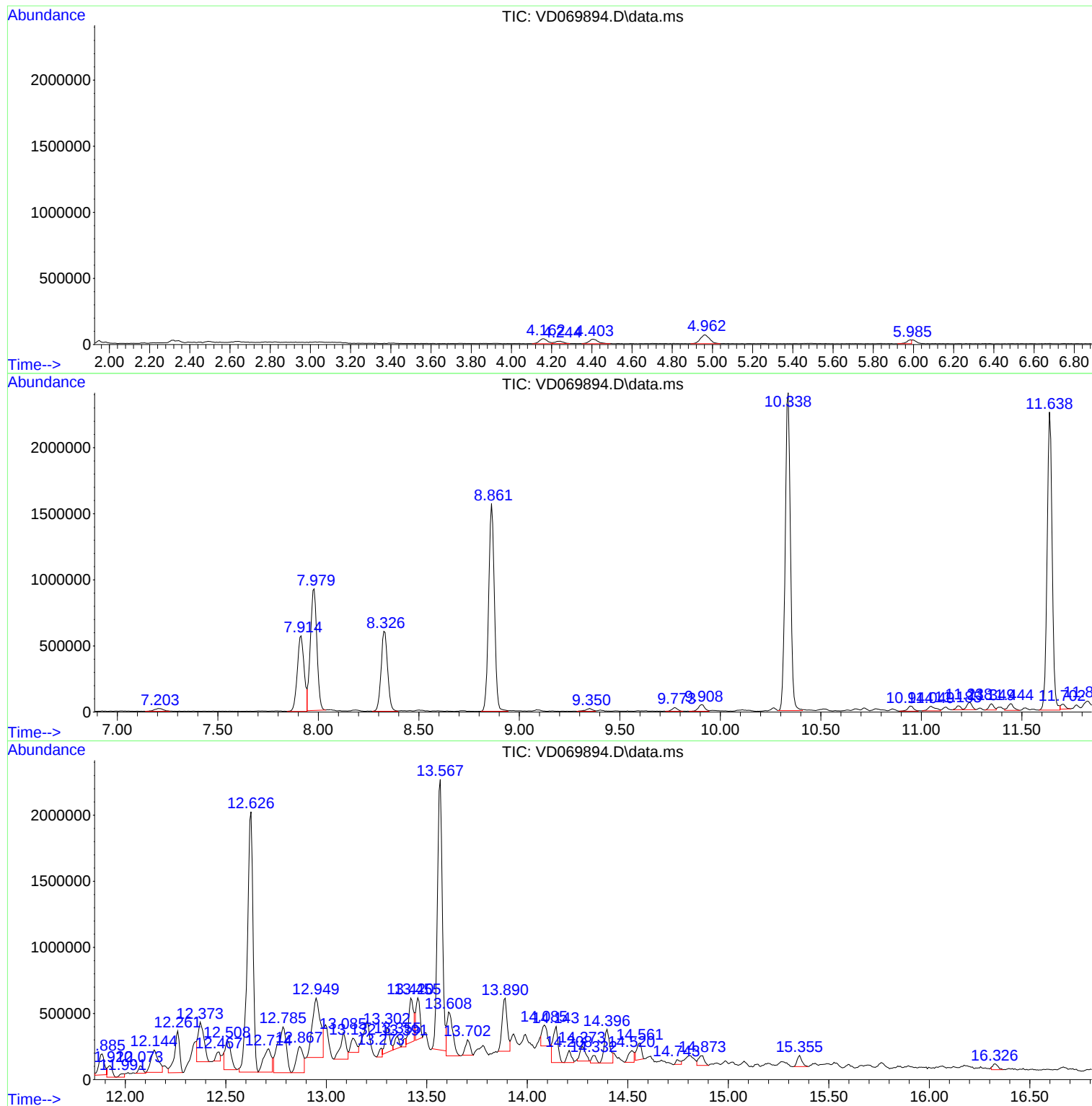
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Quant Title : SW846 8260

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



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ALS Vial : 16 Sample Multiplier: 1

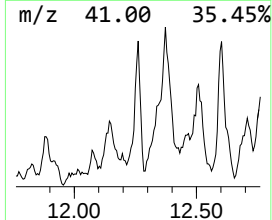
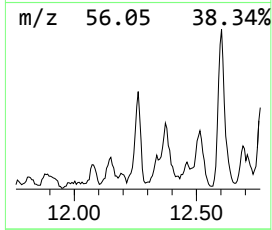
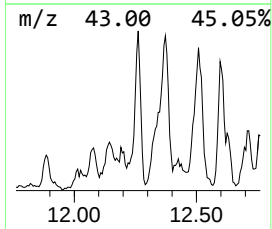
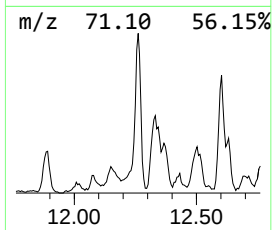
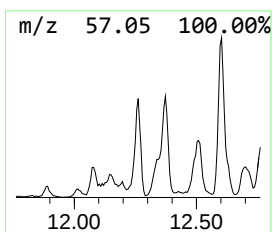
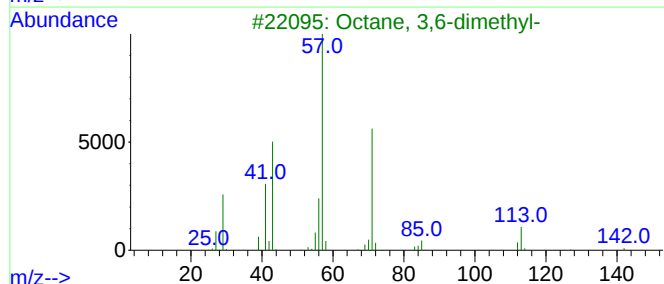
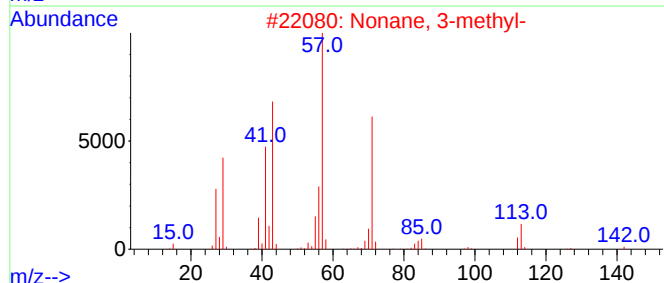
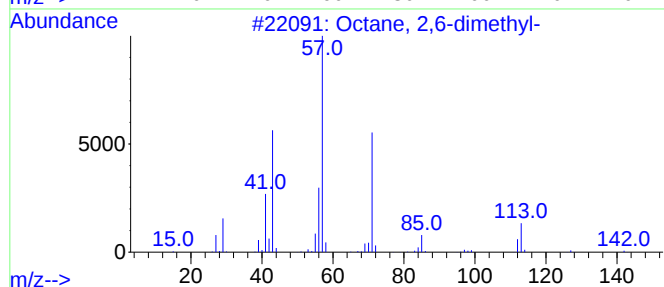
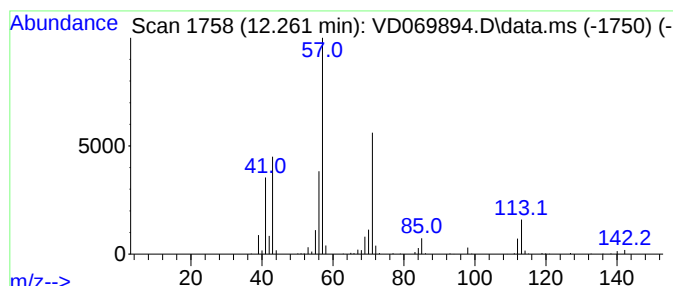
Instrument :
MSVOA_D
ClientSampleId :
20210581-COM-4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.261	7.01 ug/l	554442	Chlorobenzene-d5	11.638	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	53
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53



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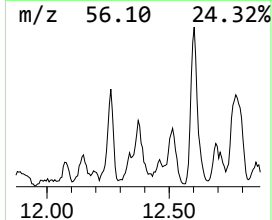
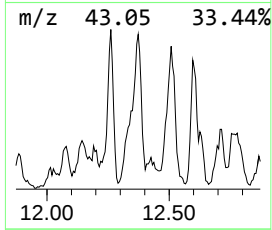
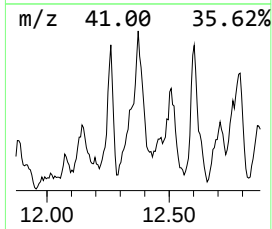
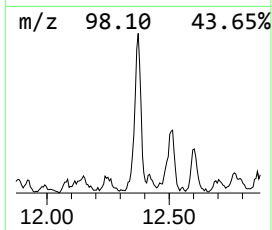
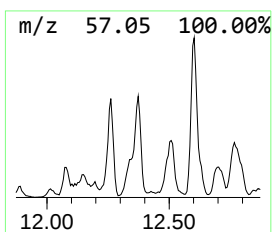
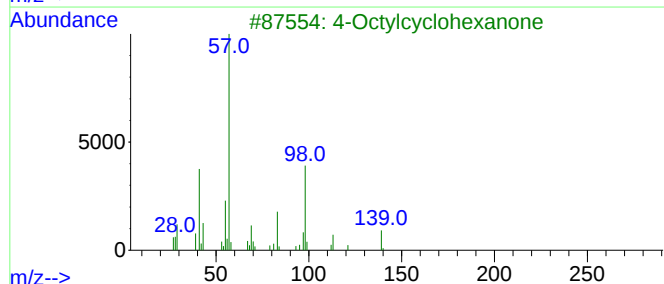
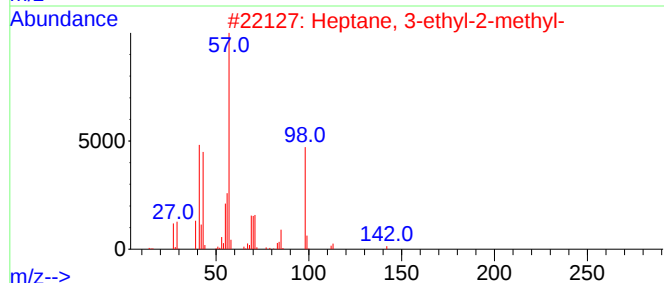
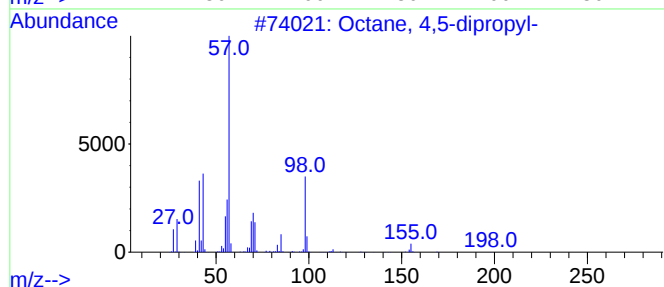
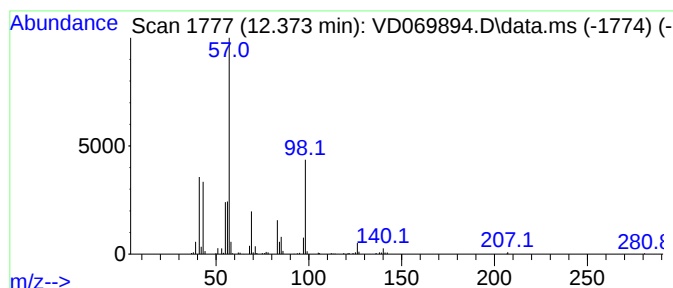
Instrument :
MSVOA_D
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 2 Octane, 4,5-dipropyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.373	7.55 ug/l	596735	Chlorobenzene-d5	11.638	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	59
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
3	4-Octylcyclohexanone	210	C14H26O	1000428-94-1	42
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	42
5	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	38



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Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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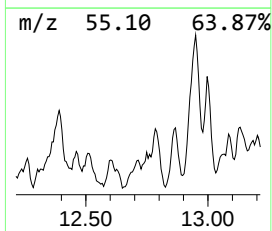
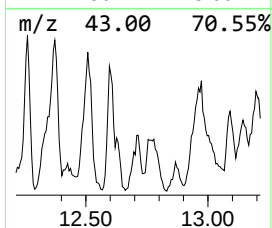
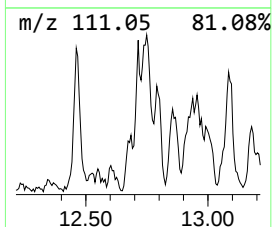
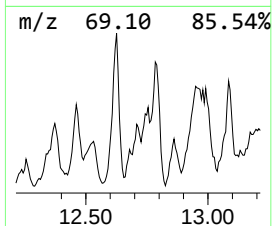
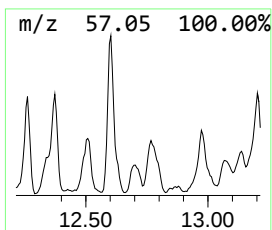
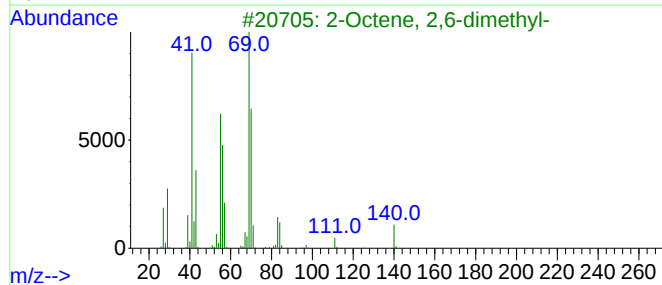
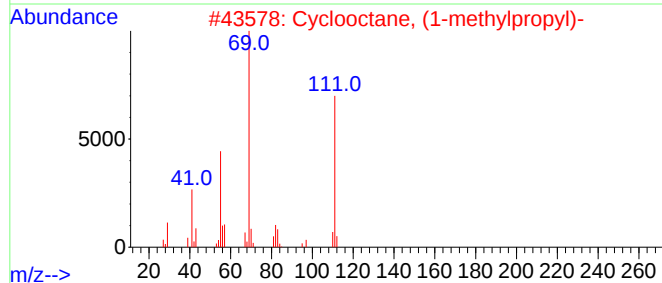
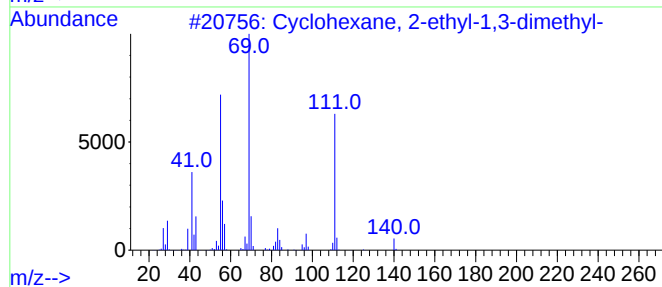
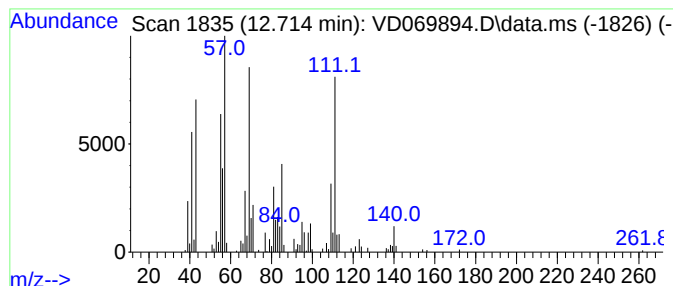
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 3 Cyclohexane, 2-ethyl-1,3-di... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.714	6.78 ug/l	474649	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	52
2			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	43
3			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	38
4			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	30
5			3-Nonene, 2-methyl-	140	C10H20	053966-53-3	27



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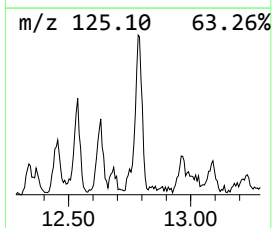
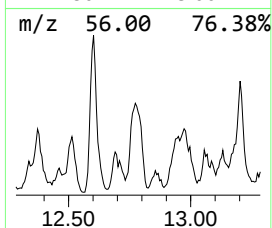
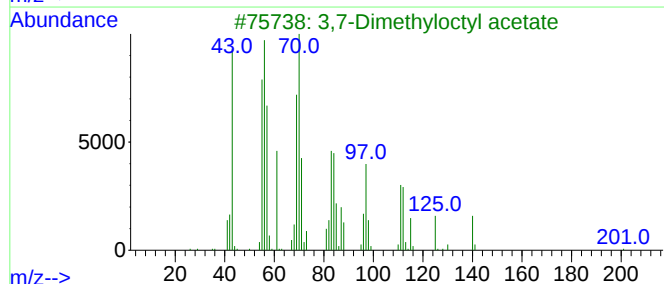
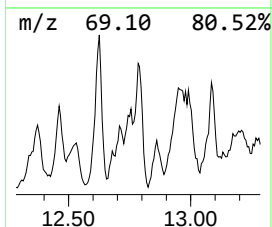
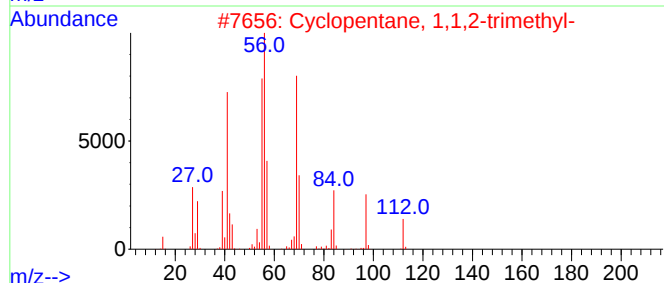
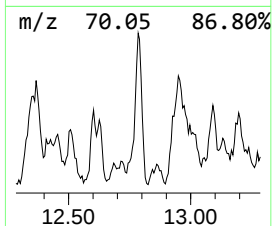
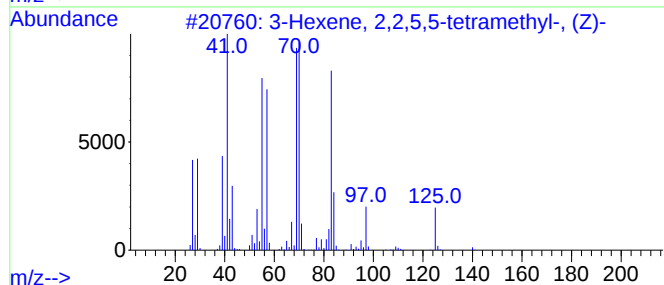
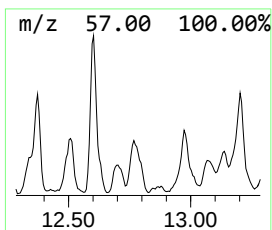
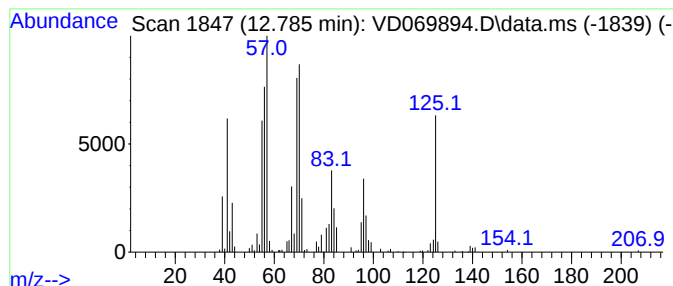
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown12.785 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.785	14.52 ug/l	1016980	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 2,2,5,5-tetramethyl-, ...	140	C10H20	000692-47-7	46		
2	Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	43		
3	3,7-Dimethyloctyl acetate	200	C12H24O2	020780-49-8	38		
4	1-Pentene, 3,4-dimethyl-	98	C7H14	007385-78-6	38		
5	1-Octene, 2,6-dimethyl-	140	C10H20	006874-29-9	38		



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MSVOA_D
ClientSampleId :
20210581-COM-4

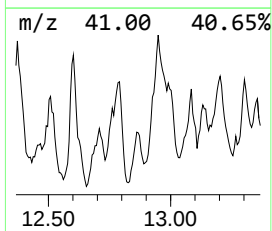
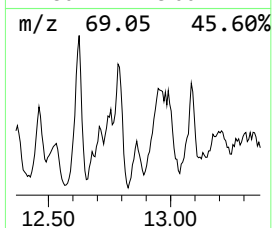
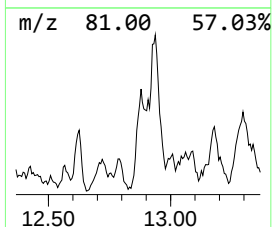
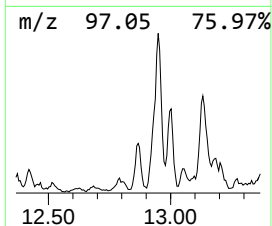
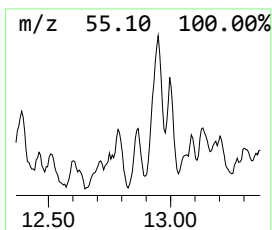
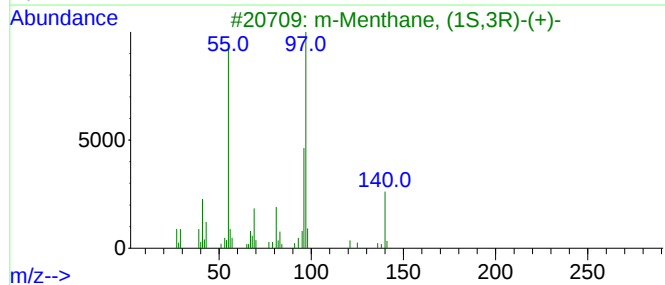
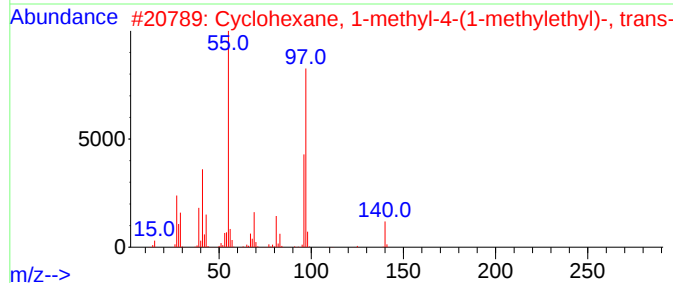
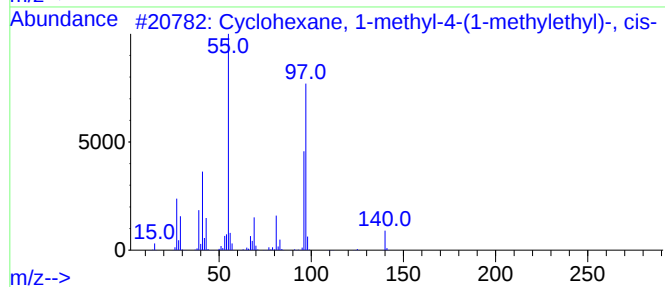
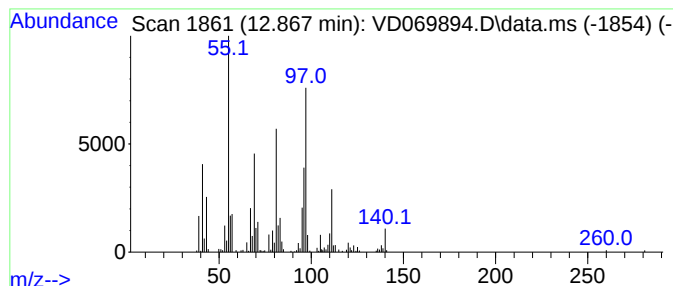
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Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.867	6.59 ug/l	461980	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	52
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	52
3			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	50
4			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	50
5			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
Data File : VD069894.D
Acq On : 28 Jul 2021 17:48
Operator : VA/SY
Sample : M3206-02
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20210581-COM-4

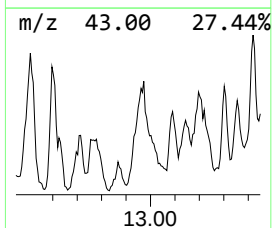
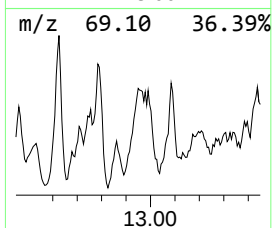
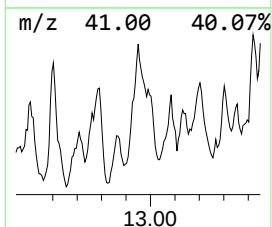
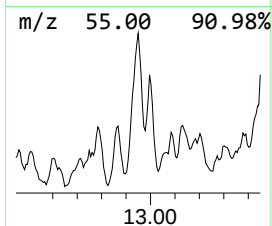
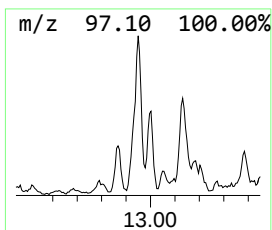
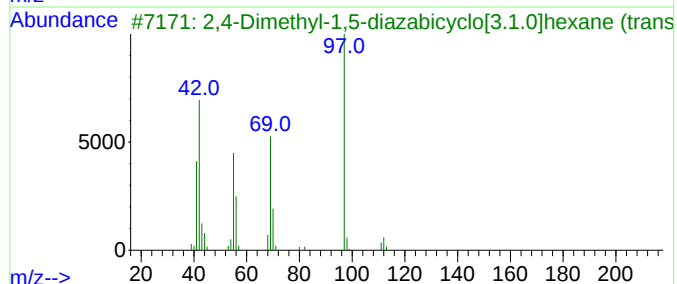
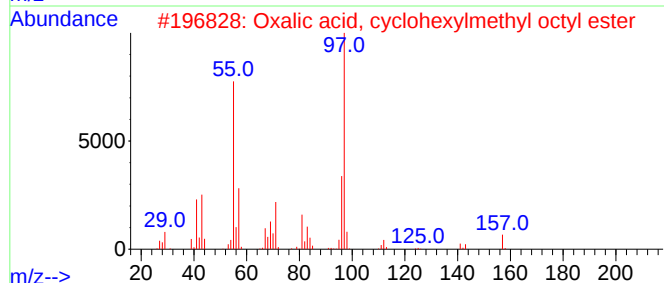
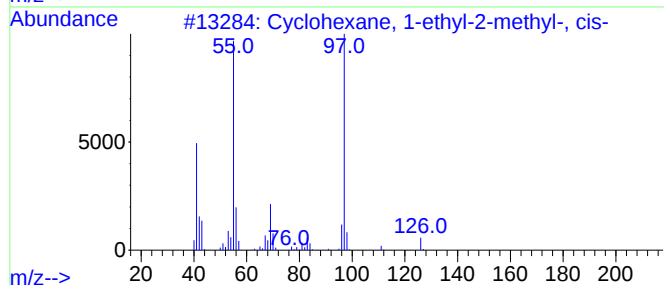
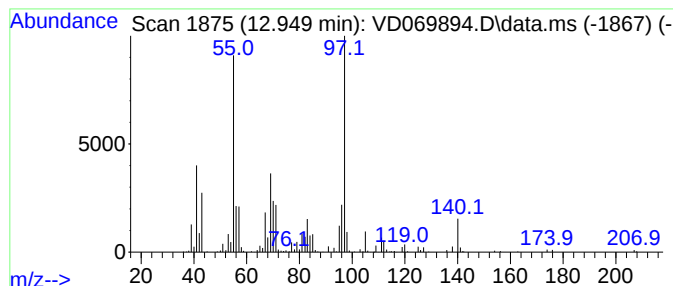
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Quant Title : SW846 8260

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

Peak Number 6 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.949	18.40 ug/l	1289190	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	58
2			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	53
3			2,4-Dimethyl-1,5-diazabicyclo[3...	112	C6H12N2	1000283-20-9	52
4			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	52
5			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
Data File : VD069894.D
Acq On : 28 Jul 2021 17:48
Operator : VA/SY
Sample : M3206-02
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20210581-COM-4

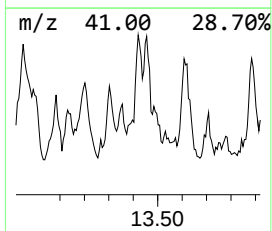
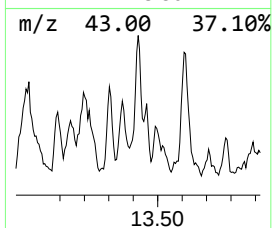
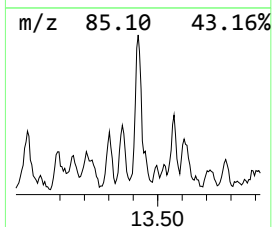
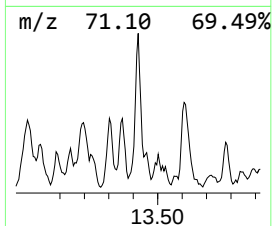
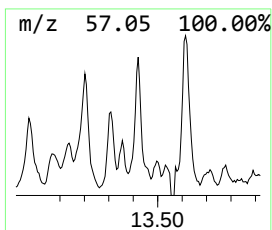
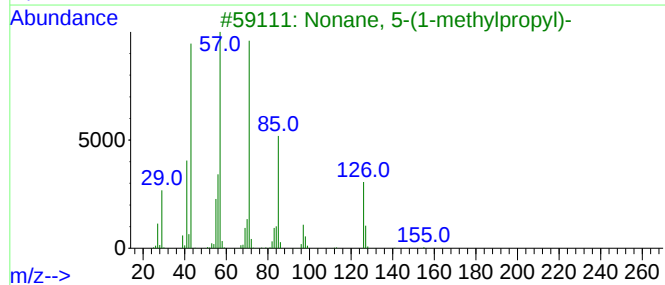
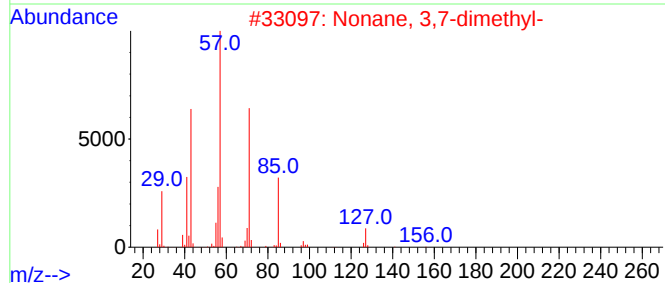
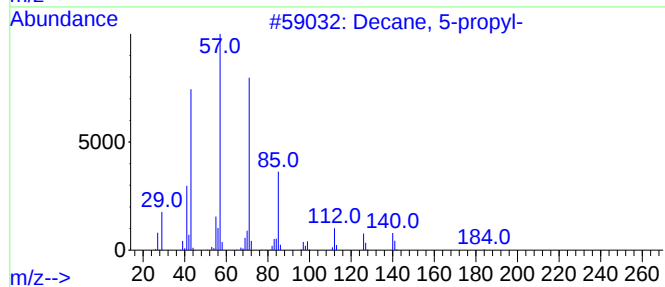
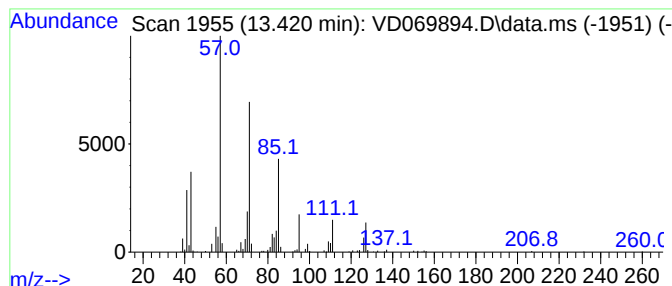
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Quant Title : SW846 8260

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

Peak Number 7 Decane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.420	7.88 ug/l	552027	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-propyl-	184	C13H28	017312-62-8	59
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58
3			Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	53
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
Data File : VD069894.D
Acq On : 28 Jul 2021 17:48
Operator : VA/SY
Sample : M3206-02
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20210581-COM-4

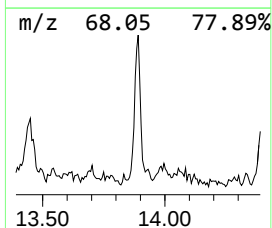
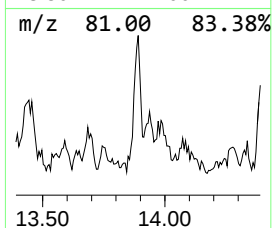
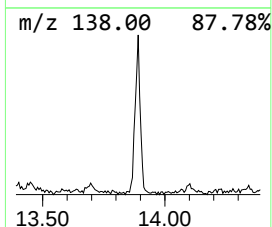
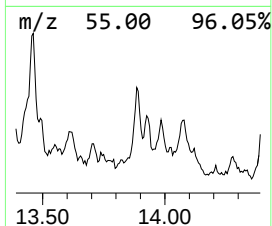
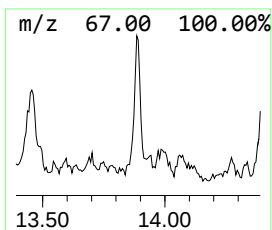
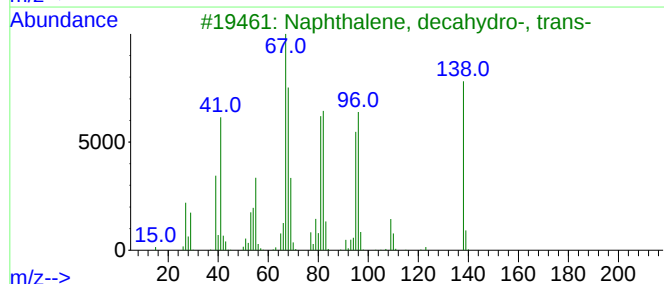
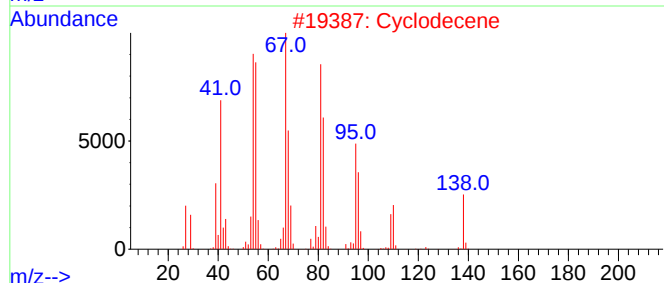
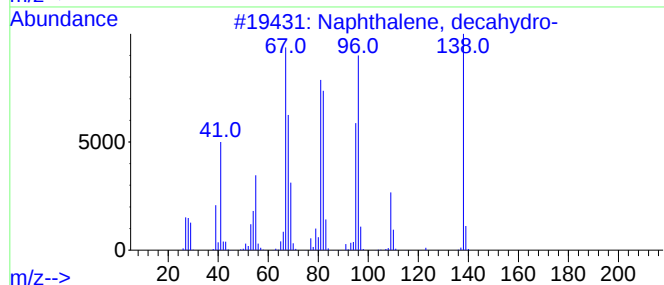
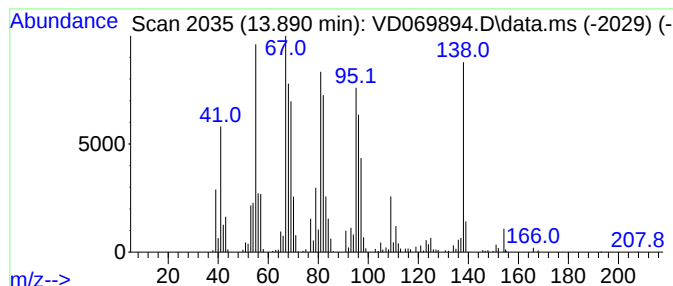
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, decahydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.890	10.21 ug/l	715065	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	91
2			Cyclodecene	138	C10H18	003618-12-0	83
3			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	76
4			cis-9-Tetradecen-1-ol	212	C14H28O	035153-15-2	72
5			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
Data File : VD069894.D
Acq On : 28 Jul 2021 17:48
Operator : VA/SY
Sample : M3206-02
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20210581-COM-4

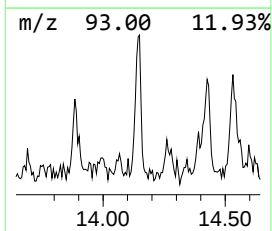
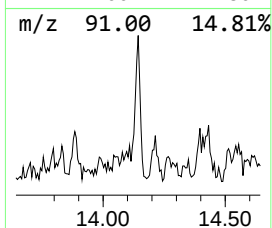
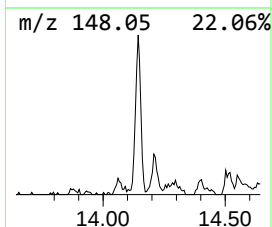
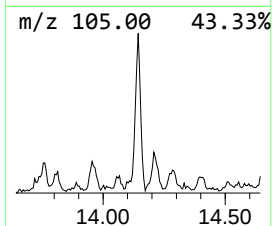
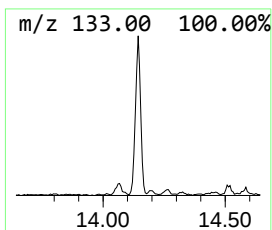
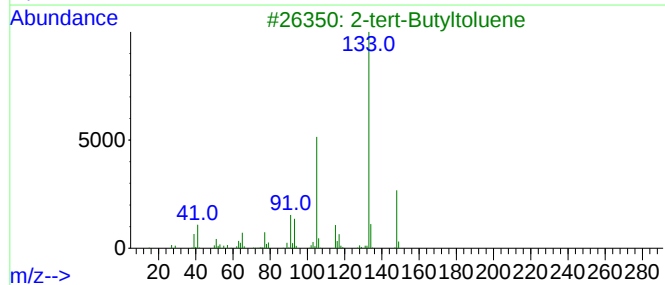
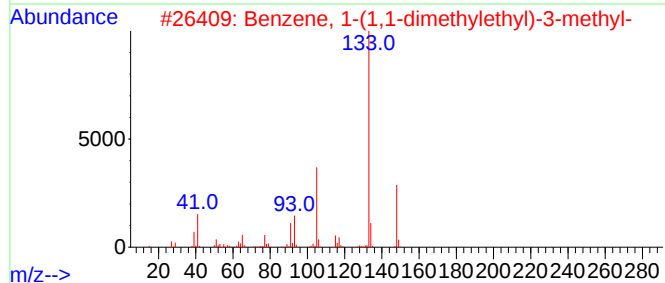
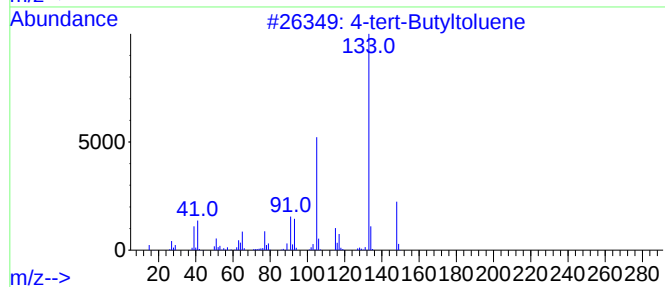
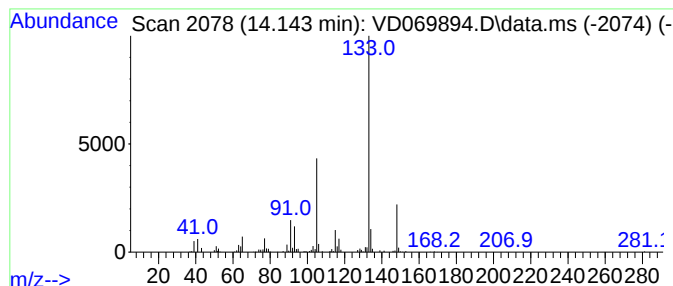
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Quant Title : SW846 8260

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

Peak Number 9 4-tert-Butyltoluene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.143	6.49 ug/l	454708	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-tert-Butyltoluene	148	C11H16	000098-51-1	97
2			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	94
3			2-tert-Butyltoluene	148	C11H16	001074-92-6	91
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	80
5			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
Data File : VD069894.D
Acq On : 28 Jul 2021 17:48
Operator : VA/SY
Sample : M3206-02
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20210581-COM-4

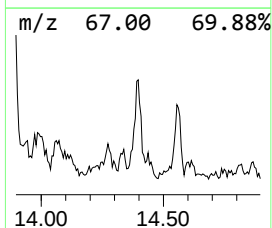
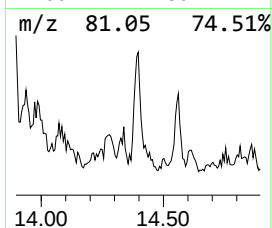
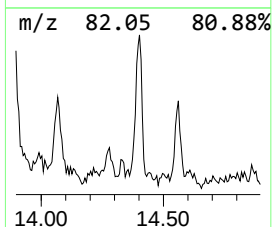
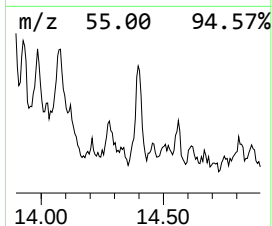
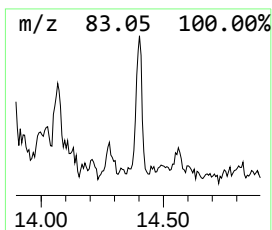
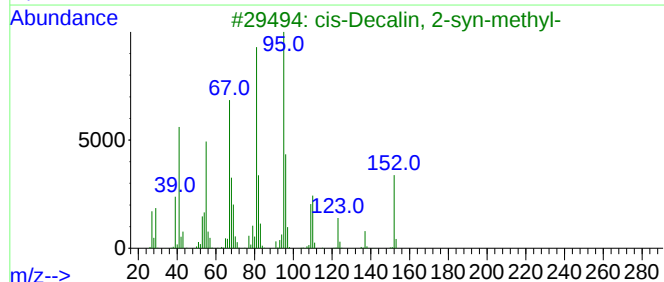
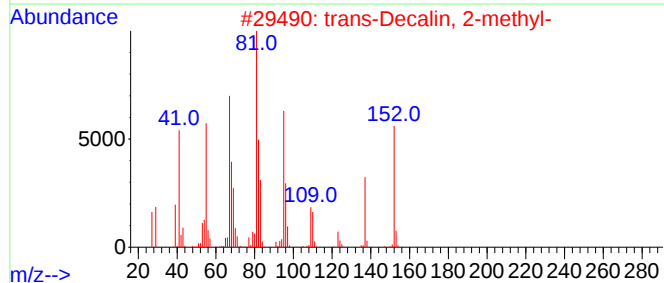
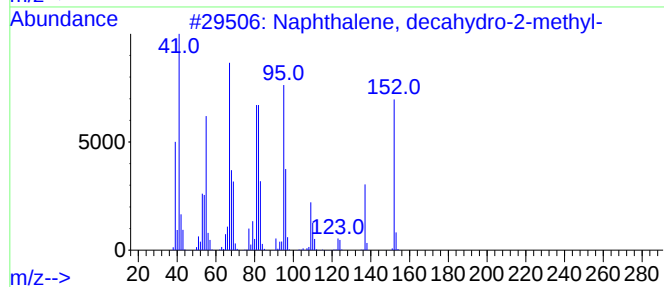
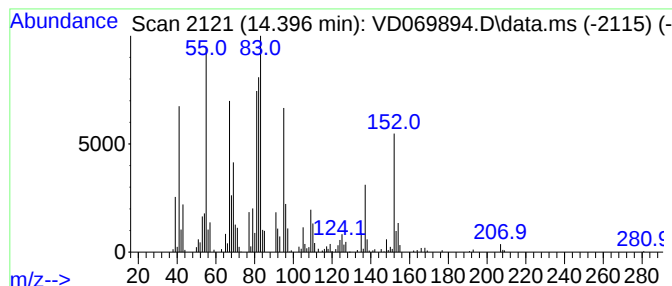
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, decahydro-2-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.396	7.17 ug/l	502298	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
3			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	60
4			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	55
5			Dodeca-1,6-dien-12-ol, 6,10-dime...	210	C14H26O	1000156-13-8	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
Data File : VD069894.D
Acq On : 28 Jul 2021 17:48
Operator : VA/SY
Sample : M3206-02
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20210581-COM-4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

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					#	RT	Resp	Conc
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Octane, 4,5-dip...	12.373	7.5	ug/l	596735	3	11.638	3952310	50.0
Cyclohexane, 2-...	12.714	6.8	ug/l	474649	4	13.567	3502770	50.0
unknown12.785	12.785	14.5	ug/l	1016980	4	13.567	3502770	50.0
Cyclohexane, 1-...	12.867	6.6	ug/l	461980	4	13.567	3502770	50.0
Cyclohexane, 1-...	12.949	18.4	ug/l	1289190	4	13.567	3502770	50.0
Decane, 5-propyl-	13.420	7.9	ug/l	552027	4	13.567	3502770	50.0
Naphthalene, de...	13.890	10.2	ug/l	715065	4	13.567	3502770	50.0
4-tert-Butyltol...	14.143	6.5	ug/l	454708	4	13.567	3502770	50.0
Naphthalene, de...	14.396	7.2	ug/l	502298	4	13.567	3502770	50.0