

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068856.D
 Acq On : 15 Apr 2021 15:15
 Operator : VA/SY
 Sample : M2042-05
 Misc : 5.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB12A(55-56)

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\82D040721S.M
 Title : SW846 8260

Signal : TIC: VD068856.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.867	1171	1181	1194	rBV	390514	777689	1.26%	0.129%
2	10.338	1421	1431	1437	rBV	766281	1534215	2.48%	0.255%
3	11.073	1551	1556	1560	rBV	607582	937780	1.51%	0.156%
4	11.449	1608	1620	1628	rBV5	386475	1181760	1.91%	0.196%
5	11.644	1644	1653	1665	rBV2	917988	1855683	3.00%	0.308%
6	11.744	1665	1670	1675	rBV6	267734	638174	1.03%	0.106%
7	12.055	1715	1723	1733	rVB6	203939	657828	1.06%	0.109%
8	12.149	1733	1739	1745	rBV3	379855	893082	1.44%	0.148%
9	12.267	1752	1759	1764	rBV2	650519	1076880	1.74%	0.179%
10	12.349	1766	1773	1776	rBV4	532601	1147366	1.85%	0.191%
11	12.391	1776	1780	1785	rVB3	559576	1042788	1.68%	0.173%
12	12.473	1785	1794	1799	rBV4	825777	2084519	3.37%	0.346%
13	12.555	1800	1808	1811	rBV5	1248703	2537738	4.10%	0.422%
14	12.632	1816	1821	1824	rBV	1149193	1853070	2.99%	0.308%
15	12.667	1824	1827	1831	rVB	755824	997944	1.61%	0.166%
16	12.802	1845	1850	1856	rVB2	958687	2307910	3.73%	0.384%
17	12.914	1863	1869	1871	rBV2	1258201	2430533	3.92%	0.404%
18	12.955	1872	1876	1881	rVB4	1460485	2975363	4.80%	0.494%
19	13.114	1895	1903	1905	rBV3	1425303	3581902	5.78%	0.595%
20	13.149	1906	1909	1911	rVV2	1697619	2360974	3.81%	0.392%
21	13.185	1911	1915	1920	rVB	4428116	6430163	10.38%	1.068%
22	13.267	1923	1929	1935	rVV	12283258	19281594	31.13%	3.204%
23	13.390	1940	1950	1954	rBV4	3451279	11408419	18.42%	1.896%
24	13.461	1954	1962	1967	rVV2	17661365	30215839	48.79%	5.021%
25	13.502	1967	1969	1972	rVB2	1966260	2003215	3.23%	0.333%
26	13.538	1972	1975	1980	rVB	2475463	3349736	5.41%	0.557%
27	13.602	1983	1986	1990	rVB	1816590	2417388	3.90%	0.402%
28	13.643	1990	1993	2000	rBV4	1788196	2816161	4.55%	0.468%
29	13.738	2002	2009	2015	rVB	27142992	43116946	69.62%	7.165%
30	13.814	2016	2022	2028	rBV2	17522329	33096491	53.44%	5.500%
31	13.896	2031	2036	2040	rBV3	6718275	10817386	17.47%	1.798%
32	13.967	2041	2048	2052	rBV2	5327589	10195605	16.46%	1.694%
33	14.032	2054	2059	2061	rBV	20161447	30831023	49.78%	5.123%
34	14.055	2061	2063	2068	rVB3	21102815	28845396	46.57%	4.793%
35	14.114	2068	2073	2078	rBV	38733731	61934570	100.00%	10.292%
36	14.155	2078	2080	2086	rVB	9582522	12883882	20.80%	2.141%

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37	14.255	2087	2097	2101	rBV	26645595	48892377	78.94%	8.124%
38	14.367	2109	2116	2119	rBV3	9410960	20344727	32.85%	3.381%
39	14.443	2125	2129	2132	rVB	22513477	31574663	50.98%	5.247%
40	14.479	2132	2135	2139	rVB	14483315	19846743	32.04%	3.298%
41	14.526	2139	2143	2147	rBV4	3547265	5947704	9.60%	0.988%
42	14.579	2147	2152	2155	rBV3	11378373	17020765	27.48%	2.828%
43	14.614	2155	2158	2167	rVB4	7594735	13080545	21.12%	2.174%
44	14.726	2173	2177	2181	rBV2	3498005	5576460	9.00%	0.927%
45	14.814	2187	2192	2197	rBV	17788222	29610218	47.81%	4.920%
46	14.867	2197	2201	2210	rVB3	13430795	30414973	49.11%	5.054%
47	15.149	2244	2249	2253	rBV4	3121830	5847503	9.44%	0.972%
48	15.361	2281	2285	2293	rVB3	2855442	4829877	7.80%	0.803%
49	15.884	2370	2374	2379	rBV	1280547	2144483	3.46%	0.356%
50	16.014	2392	2396	2410	rVB	1558717	4319433	6.97%	0.718%
51	16.690	2503	2511	2522	rVB	8516655	19830636	32.02%	3.295%

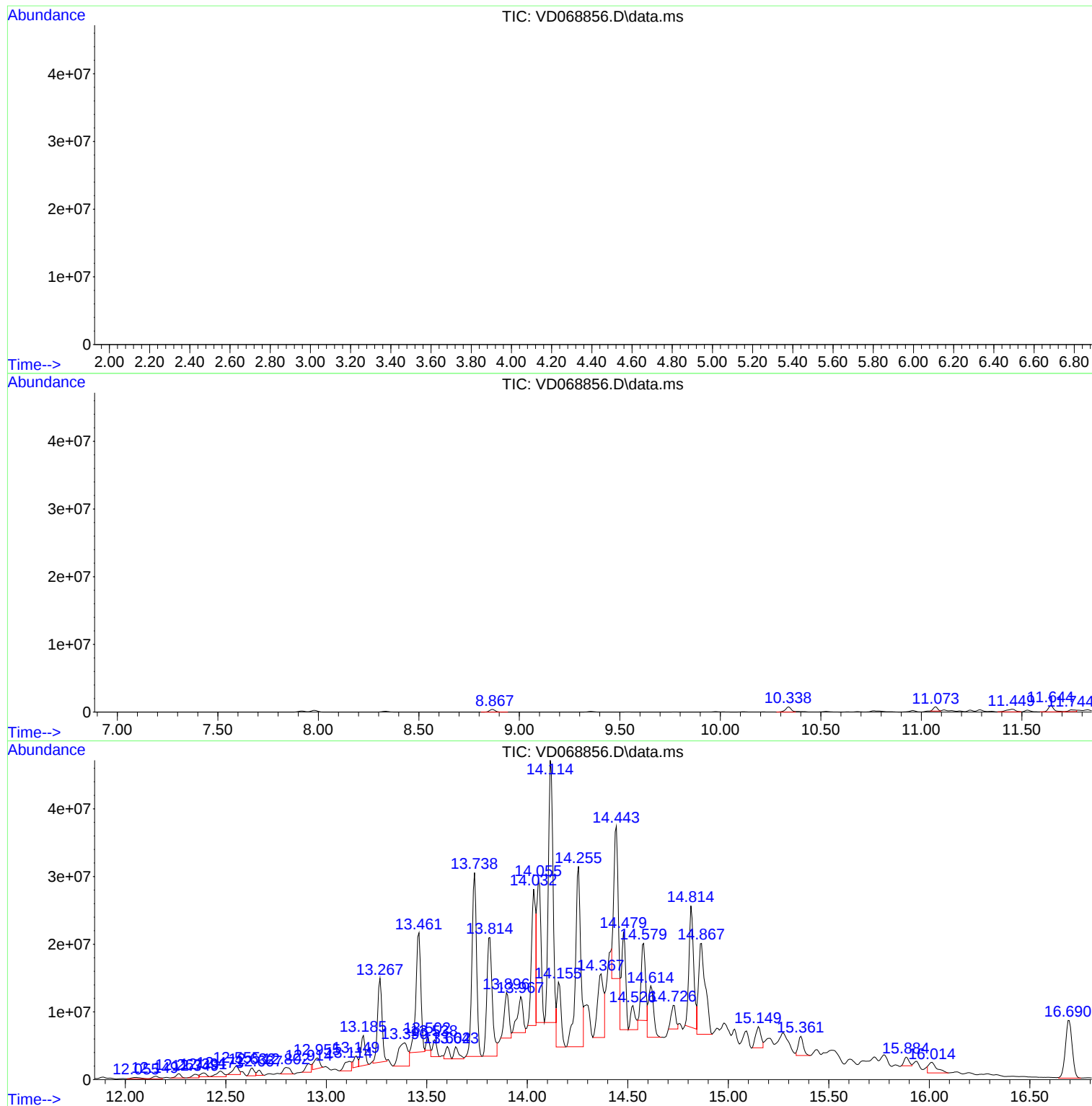
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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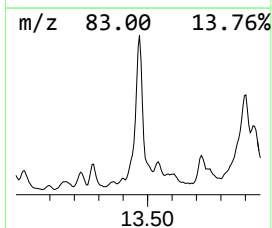
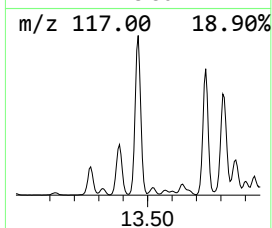
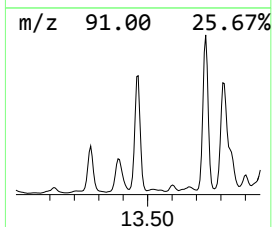
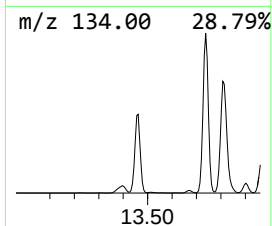
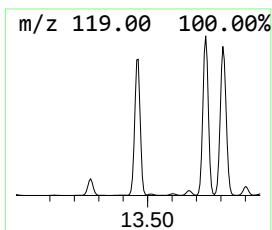
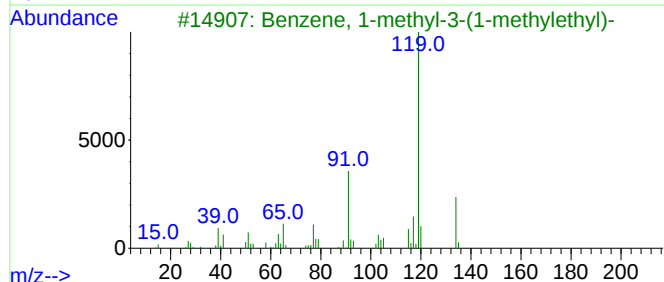
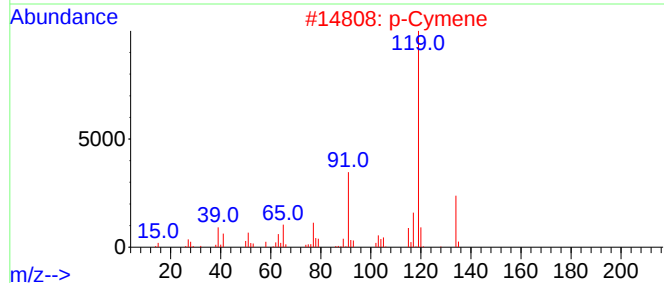
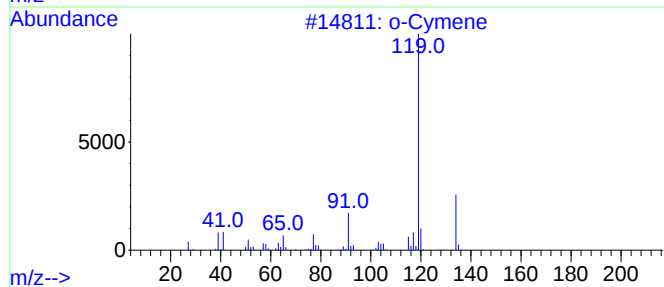
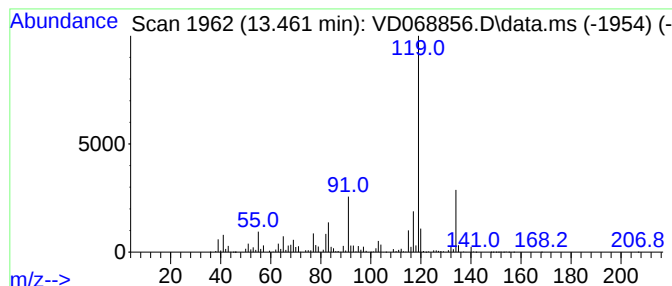
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.461	624.97 ug/l	30215800	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	94
2			p-Cymene	134	C10H14	000099-87-6	93
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87



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Instrument :
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ClientSampleId :
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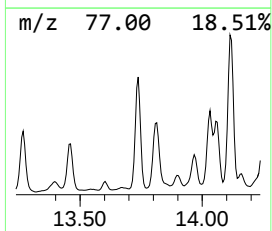
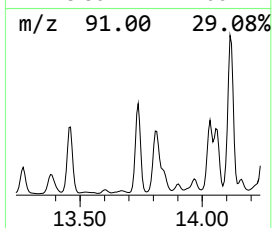
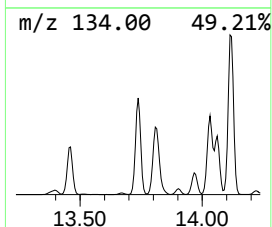
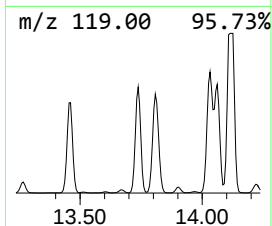
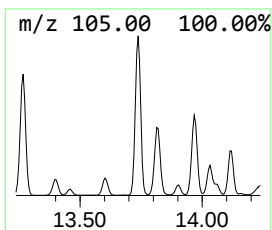
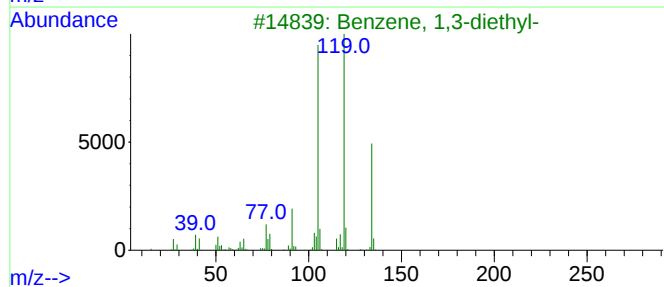
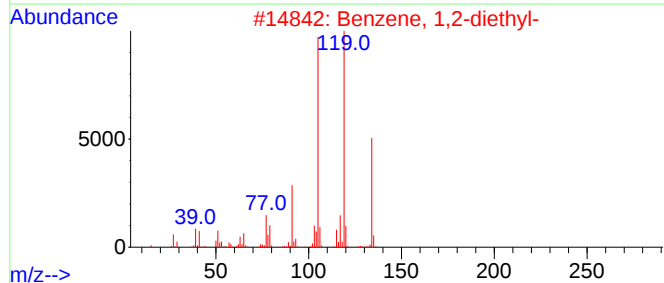
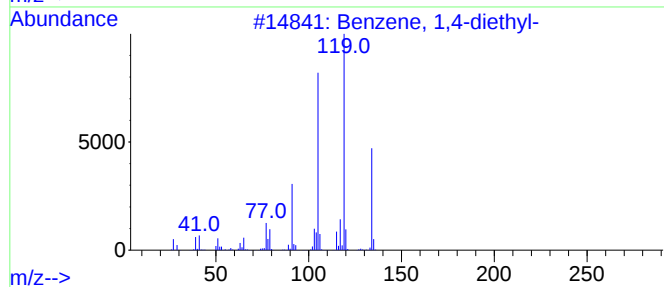
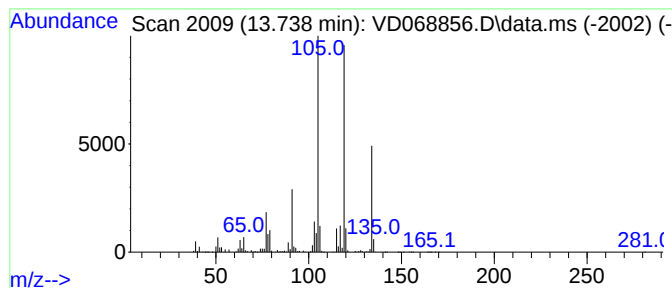
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,4-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.738	891.81 ug/l	43116900	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87



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Sample : M2042-05
Misc : 5.68G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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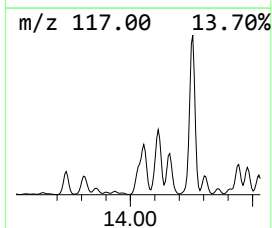
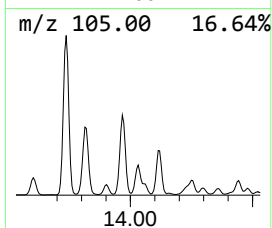
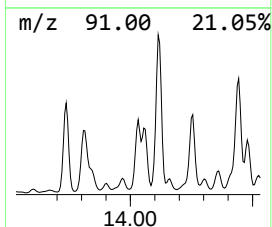
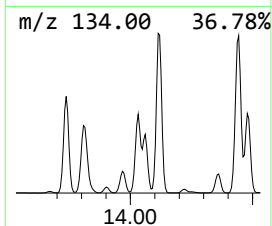
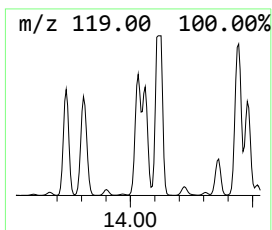
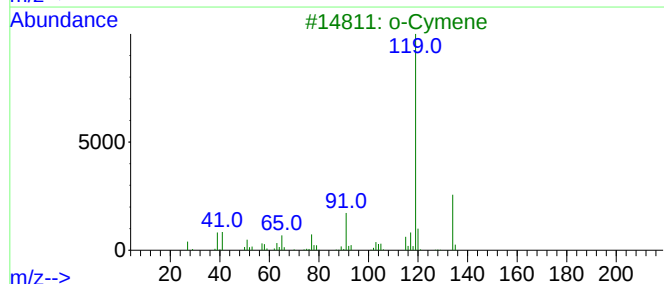
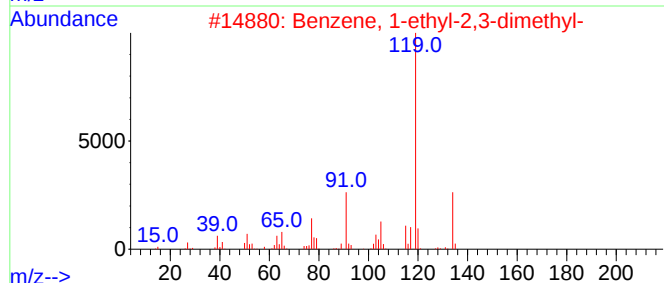
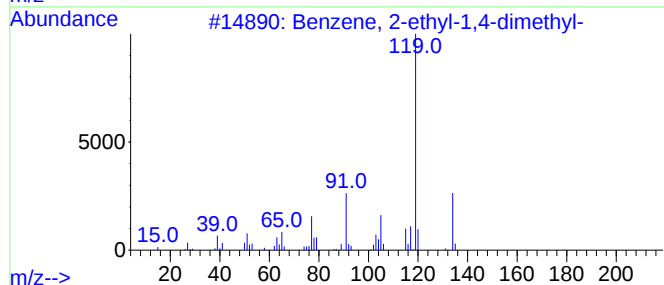
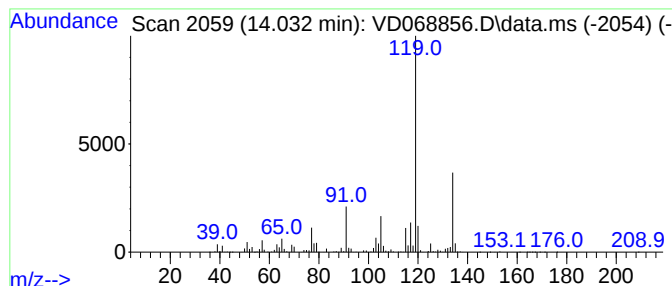
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.032	637.69 ug/l	30831000	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93



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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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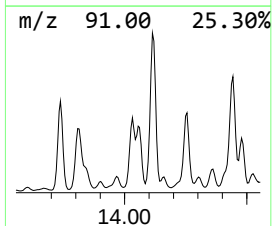
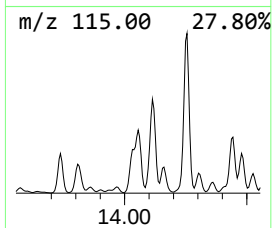
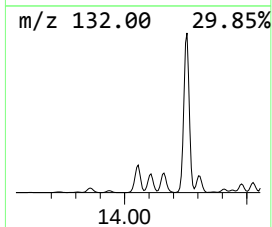
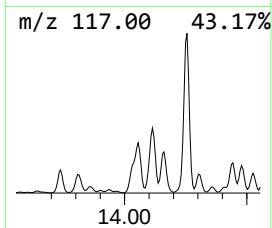
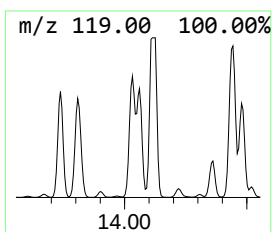
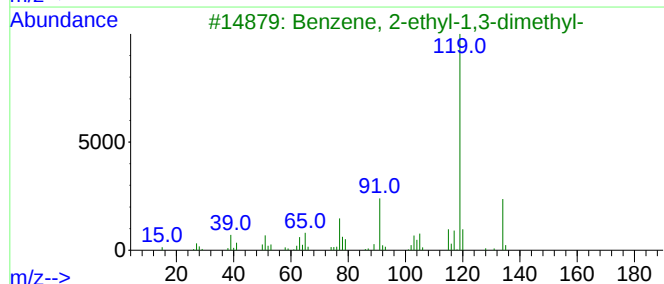
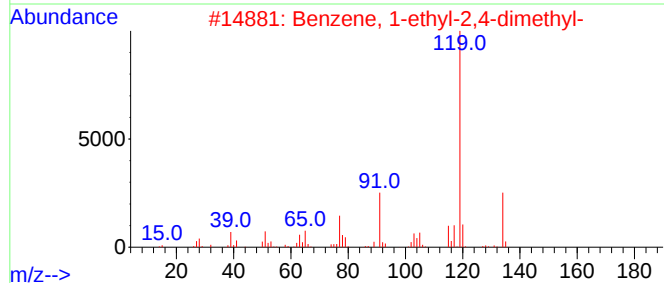
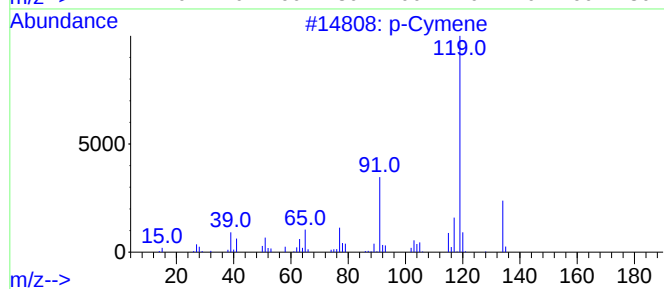
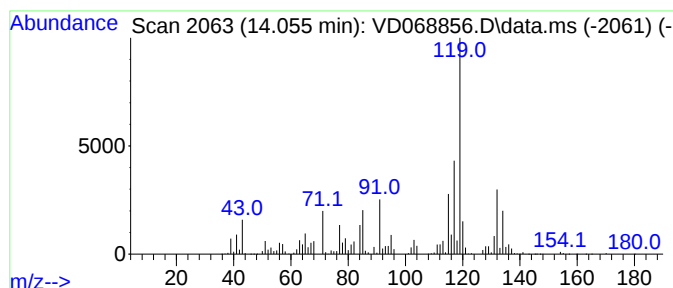
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 p-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.055	596.62 ug/l	28845400	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	50
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	46
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	46
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	46
5			o-Cymene	134	C10H14	000527-84-4	46



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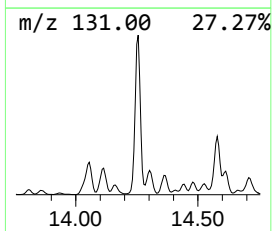
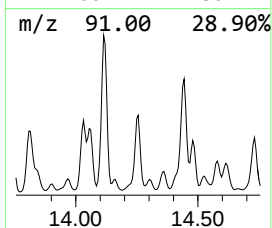
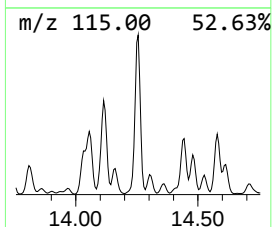
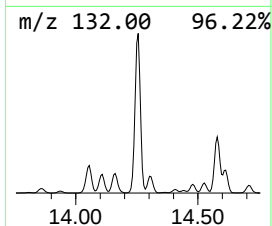
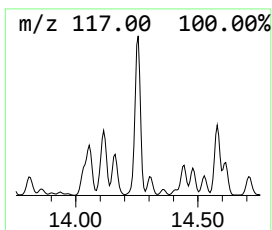
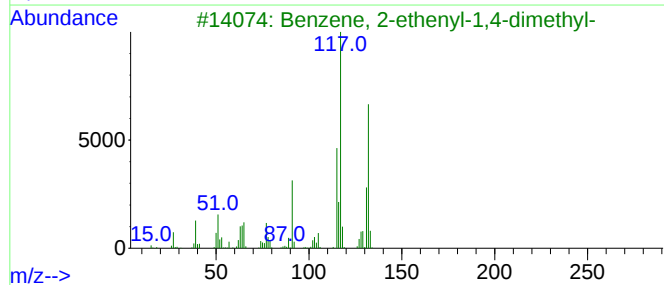
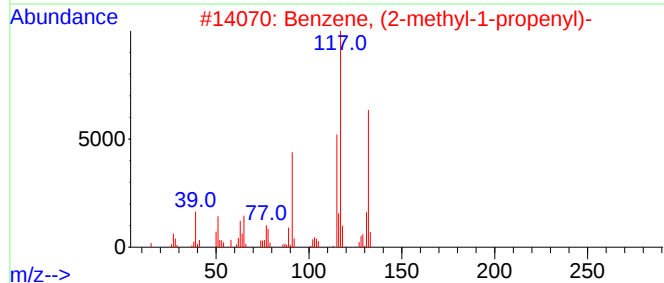
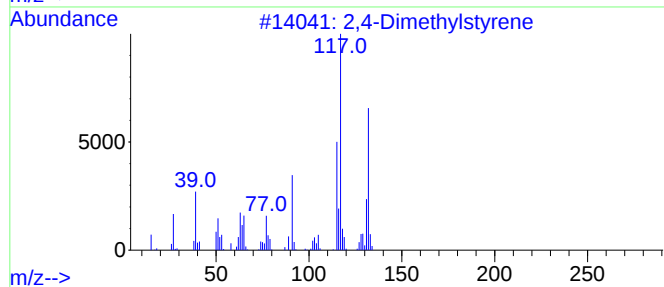
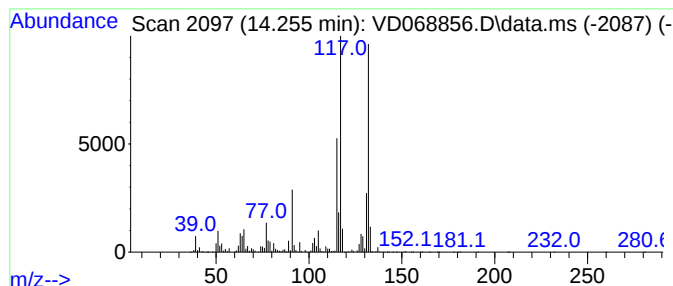
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2,4-Dimethylstyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.255	1011.26 ug/l	48892400	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dimethylstyrene	132	C10H12	002234-20-0	97
2			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	96
3			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
4			Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
5			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068856.D
Acq On : 15 Apr 2021 15:15
Operator : VA/SY
Sample : M2042-05
Misc : 5.68G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(55-56)

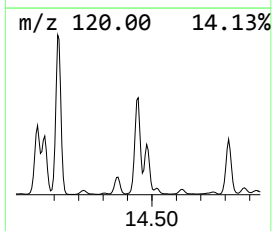
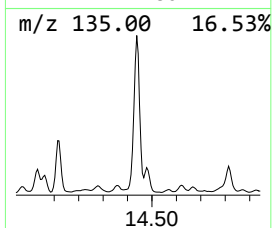
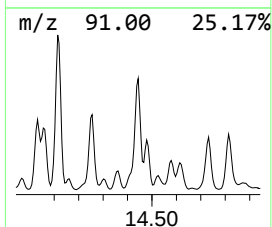
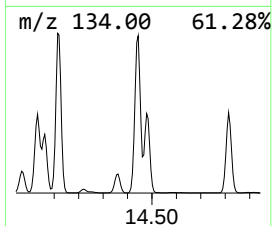
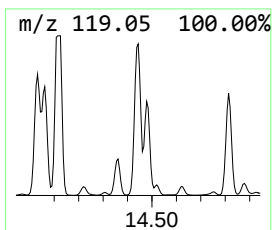
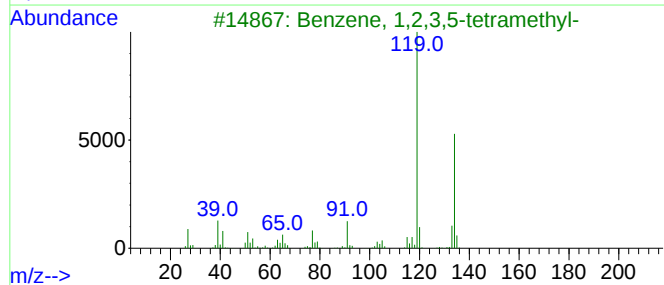
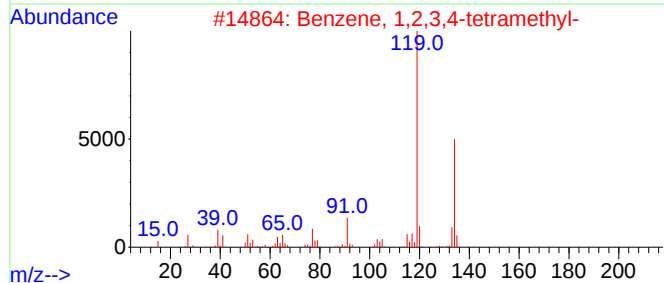
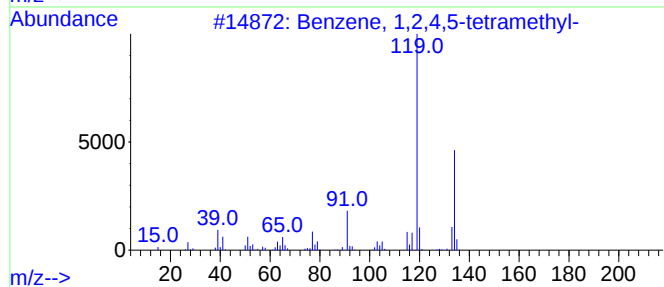
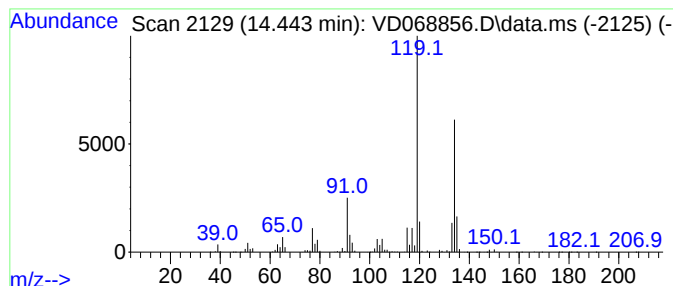
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.443	653.07 ug/l	31574700	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068856.D
Acq On : 15 Apr 2021 15:15
Operator : VA/SY
Sample : M2042-05
Misc : 5.68G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(55-56)

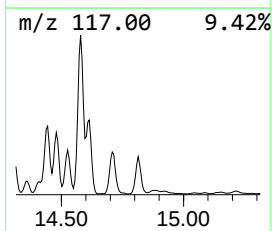
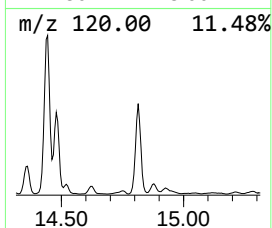
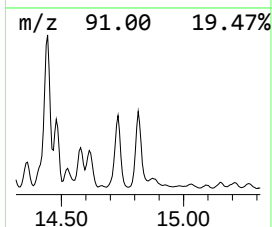
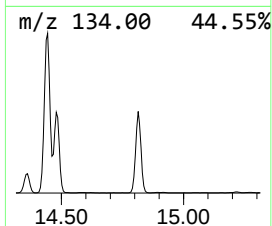
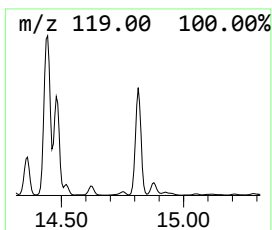
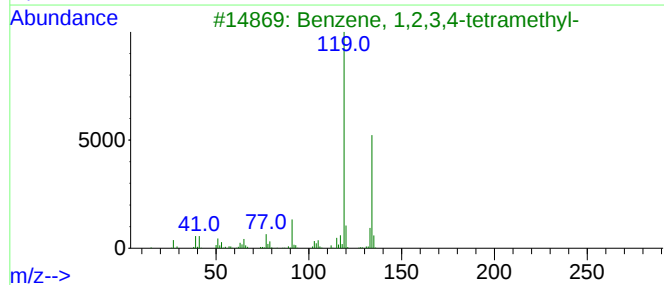
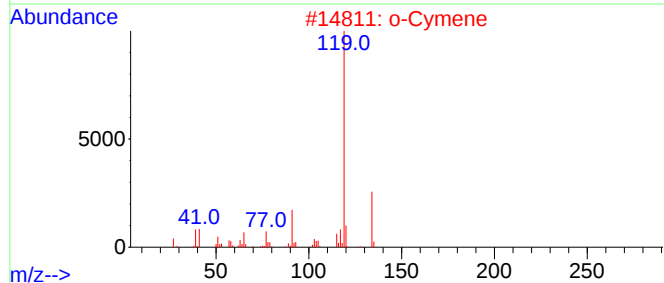
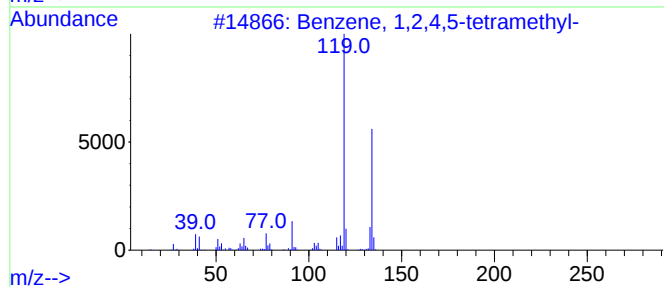
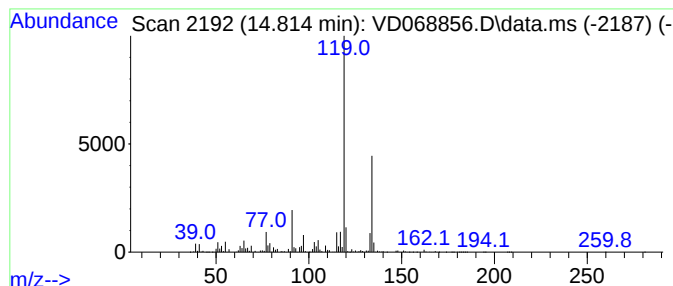
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.814	612.44 ug/l	29610200	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2			o-Cymene	134	C10H14	000527-84-4	95
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068856.D
Acq On : 15 Apr 2021 15:15
Operator : VA/SY
Sample : M2042-05
Misc : 5.68G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(55-56)

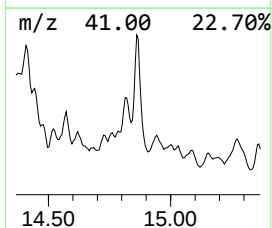
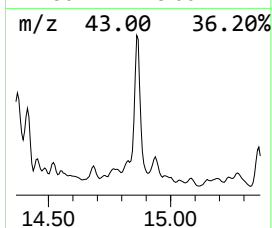
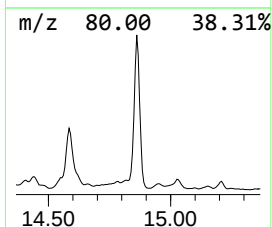
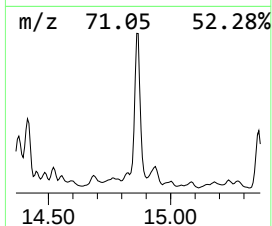
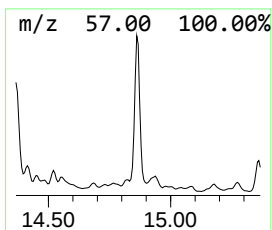
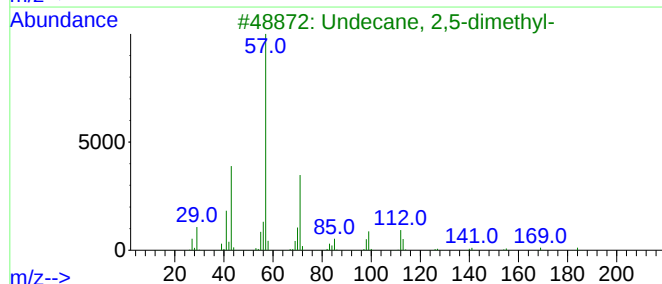
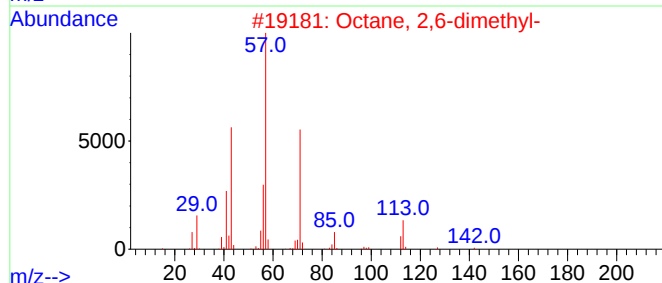
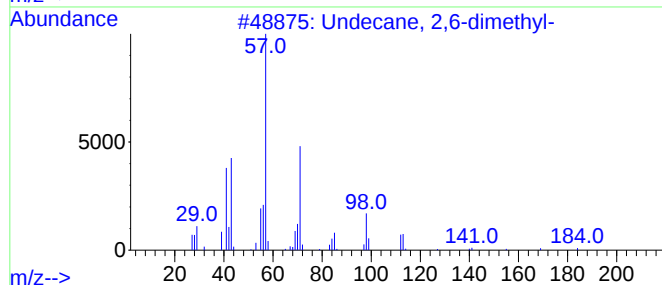
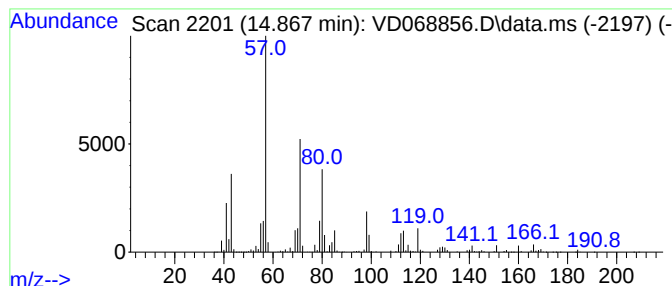
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.867	629.09 ug/l	30415000	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	46
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	46
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	41
5			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068856.D
Acq On : 15 Apr 2021 15:15
Operator : VA/SY
Sample : M2042-05
Misc : 5.68G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(55-56)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
o-Cymene	13.461	625.0	ug/l	30215800	4	13.573	2417390	50.0
Benzene, 1,4-di...	13.738	891.8	ug/l	43116900	4	13.573	2417390	50.0
Benzene, 2-ethy...	14.032	637.7	ug/l	30831000	4	13.573	2417390	50.0
p-Cymene	14.055	596.6	ug/l	28845400	4	13.573	2417390	50.0
2,4-Dimethylsty...	14.255	1011.3	ug/l	48892400	4	13.573	2417390	50.0
Benzene, 1,2,3,...	14.443	653.1	ug/l	31574700	4	13.573	2417390	50.0
Benzene, 1,2,4,...	14.814	612.4	ug/l	29610200	4	13.573	2417390	50.0
Undecane, 2,6-d...	14.867	629.1	ug/l	30415000	4	13.573	2417390	50.0