

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
 Data File : VW007837.D
 Acq On : 22 Dec 2018 12:16
 Operator : SY/AP
 Sample : J6426-18
 Misc : 6.60G/5ML/MSVOA_W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS019-1824-01

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.214	695	707	731	rVB	404591	1237118	13.21%	2.460%
2	7.165	850	863	877	rBV2	83789	250592	2.67%	0.498%
3	7.878	969	980	986	rBV2	85029	236689	2.53%	0.471%
4	7.945	986	991	1001	rVB	63636	161633	1.73%	0.321%
5	8.323	1043	1053	1059	rBV3	141750	348508	3.72%	0.693%
6	8.403	1059	1066	1077	rVB	566272	1208020	12.89%	2.402%
7	8.842	1130	1138	1150	rBV	74134	154011	1.64%	0.306%
8	9.092	1172	1179	1192	rVB2	46291	101863	1.09%	0.203%
9	9.335	1205	1219	1225	rBV2	53685	138455	1.48%	0.275%
10	10.213	1356	1363	1373	rBV	167381	310748	3.32%	0.618%
11	10.323	1375	1381	1385	rVV2	65108	123731	1.32%	0.246%
12	10.390	1385	1392	1404	rVV	5277205	9368334	100.00%	18.626%
13	10.506	1405	1411	1418	rVB3	54327	103706	1.11%	0.206%
14	10.860	1464	1469	1475	rVB	68896	122196	1.30%	0.243%
15	11.731	1606	1612	1621	rVB	695388	1156221	12.34%	2.299%
16	11.835	1622	1629	1639	rBV	2258341	4130391	44.09%	8.212%
17	12.170	1676	1684	1691	rVV	1027347	1746718	18.64%	3.473%
18	12.371	1708	1717	1723	rBV4	57695	199269	2.13%	0.396%
19	12.469	1728	1733	1737	rBV	83559	146740	1.57%	0.292%
20	12.804	1782	1788	1793	rVB	101648	195090	2.08%	0.388%
21	12.871	1793	1799	1802	rBV	701756	1199576	12.80%	2.385%
22	12.902	1802	1804	1806	rVV	360027	473280	5.05%	0.941%
23	12.938	1806	1810	1817	rVB3	733215	1492138	15.93%	2.967%
24	13.109	1830	1838	1844	rBV	458710	859948	9.18%	1.710%
25	13.170	1844	1848	1854	rVB	120938	176222	1.88%	0.350%
26	13.255	1856	1862	1867	rBV	1442833	2227532	23.78%	4.429%
27	13.359	1867	1879	1888	rVV5	172829	795324	8.49%	1.581%
28	13.451	1889	1894	1897	rVV2	206395	400880	4.28%	0.797%
29	13.499	1898	1902	1909	rVB3	394847	774268	8.26%	1.539%
30	13.585	1909	1916	1922	rBV2	1815501	3124592	33.35%	6.212%
31	13.725	1933	1939	1940	rBV2	121137	168119	1.79%	0.334%
32	13.755	1940	1944	1948	rVV3	394670	741132	7.91%	1.473%
33	13.798	1948	1951	1959	rVB2	343748	628402	6.71%	1.249%
34	13.877	1959	1964	1970	rBV	644587	1008009	10.76%	2.004%

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35	13.957	1972	1977	1980	rVV	203935	362968	3.87%	0.722%
36	14.018	1983	1987	1989	rVV	239393	405327	4.33%	0.806%
37	14.042	1989	1991	1996	rVV	244257	361397	3.86%	0.719%
38	14.103	1996	2001	2005	rVB	309569	448738	4.79%	0.892%
39	14.213	2014	2019	2024	rVB2	287811	471794	5.04%	0.938%
40	14.347	2035	2041	2045	rVV3	196469	408591	4.36%	0.812%
41	14.395	2046	2049	2051	rVV4	164456	248435	2.65%	0.494%
42	14.426	2051	2054	2057	rVV2	214770	380284	4.06%	0.756%
43	14.463	2057	2060	2064	rVV	291873	402395	4.30%	0.800%
44	14.505	2064	2067	2071	rVV	165423	213678	2.28%	0.425%
45	14.554	2071	2075	2082	rVB3	93960	184787	1.97%	0.367%
46	14.694	2094	2098	2100	rBV2	158315	233860	2.50%	0.465%
47	14.731	2100	2104	2109	rVB2	679574	1007271	10.75%	2.003%
48	14.804	2109	2116	2121	rBV2	511303	1222453	13.05%	2.430%
49	14.962	2138	2142	2149	rVB	163626	286654	3.06%	0.570%
50	15.072	2155	2160	2164	rBV3	159687	298050	3.18%	0.593%
51	15.139	2166	2171	2175	rVV	316578	527362	5.63%	1.048%
52	15.261	2187	2191	2198	rVB5	121418	248200	2.65%	0.493%
53	15.334	2198	2203	2206	rBV3	244991	438656	4.68%	0.872%
54	15.371	2206	2209	2215	rVB	370627	611486	6.53%	1.216%
55	15.481	2223	2227	2230	rBV2	83758	135925	1.45%	0.270%
56	15.566	2236	2241	2249	rVB	641327	1134699	12.11%	2.256%
57	15.670	2250	2258	2264	rBV7	160993	437196	4.67%	0.869%
58	15.743	2266	2270	2276	rVB4	82147	146121	1.56%	0.291%
59	15.834	2281	2285	2288	rVV2	87313	181348	1.94%	0.361%
60	15.871	2288	2291	2299	rVV	128412	234110	2.50%	0.465%
61	16.029	2311	2317	2324	rVB6	71774	218154	2.33%	0.434%
62	16.182	2333	2342	2347	rBV6	123539	379622	4.05%	0.755%
63	16.231	2348	2350	2357	rVV6	67820	113094	1.21%	0.225%
64	16.298	2357	2361	2367	rVB	109908	183831	1.96%	0.365%
65	16.383	2371	2375	2380	rVV2	86423	177906	1.90%	0.354%
66	16.450	2380	2386	2392	rVV	542750	1166130	12.45%	2.318%
67	16.511	2392	2396	2402	rVB	306162	534213	5.70%	1.062%
68	16.657	2412	2420	2433	rVB	359692	983276	10.50%	1.955%

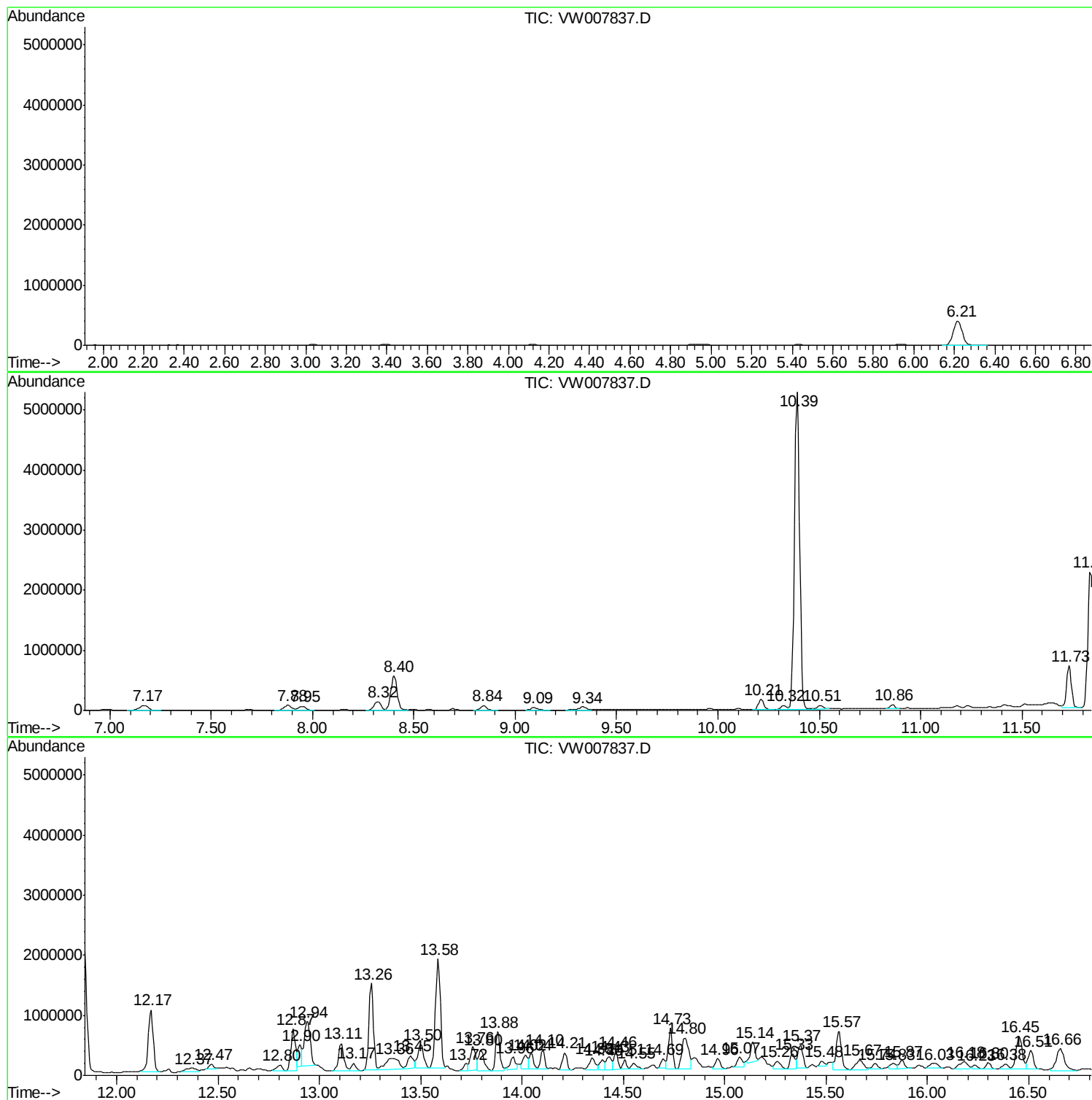
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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



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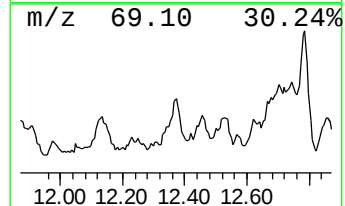
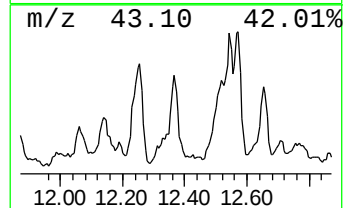
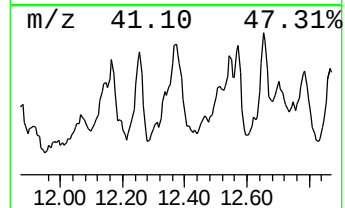
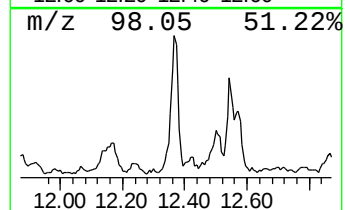
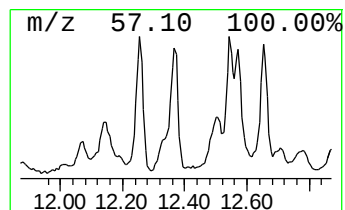
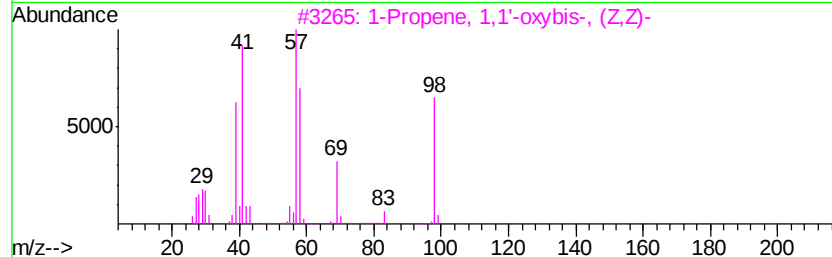
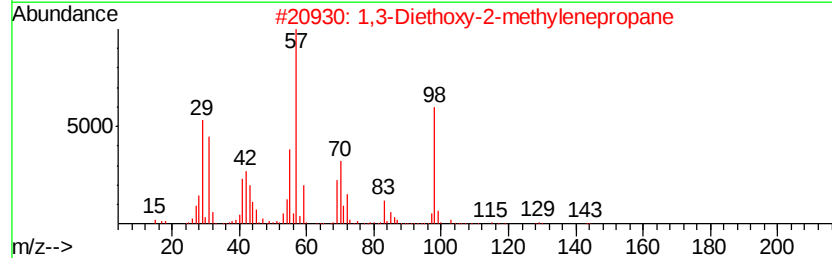
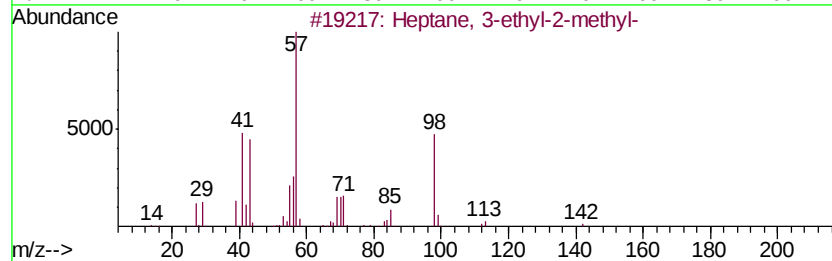
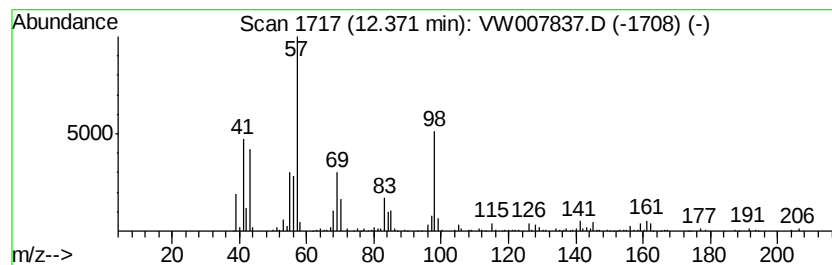
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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

Peak Number 1 Heptane, 3-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	8.62 ug/l	199269	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	68
2		1,3-Diethoxy-2-methylenepropene	144	C8H16O2	025307-84-0	43
3		1-Propene, 1,1'-oxybis-, (Z,Z)-	98	C6H10O	004696-27-9	43
4		Cyclohexanone, 4-(1,1-dimethylet...	154	C10H18O	000098-53-3	38
5		2,3-2H-4-Methyl-imidazole-2-one	98	C4H6N2O	039799-77-4	38



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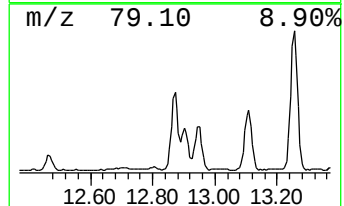
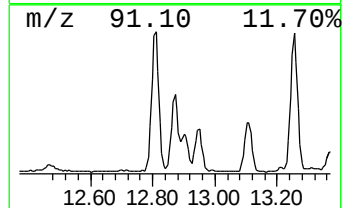
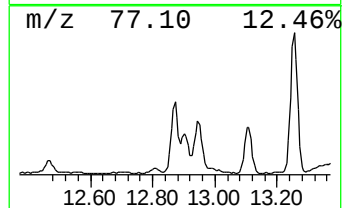
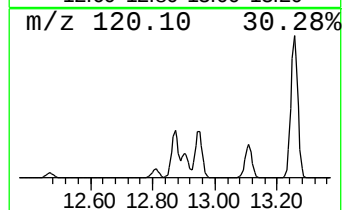
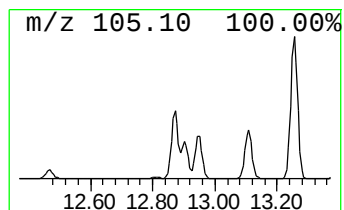
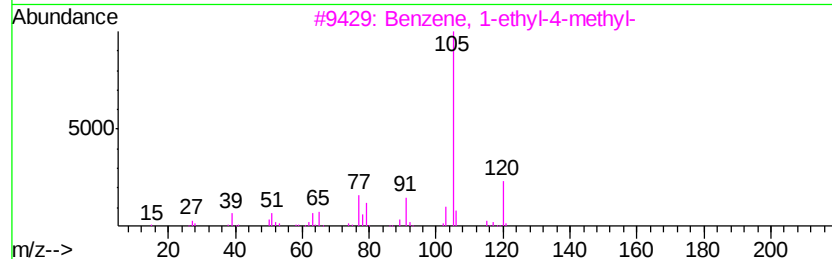
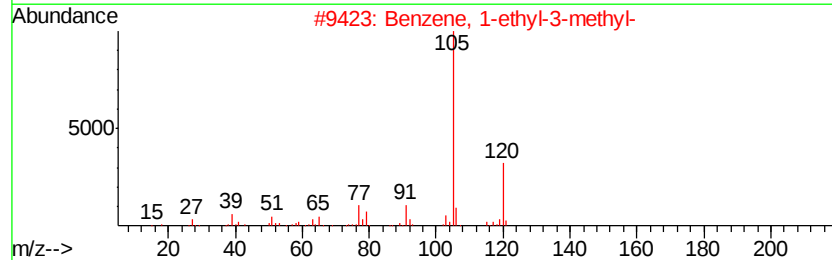
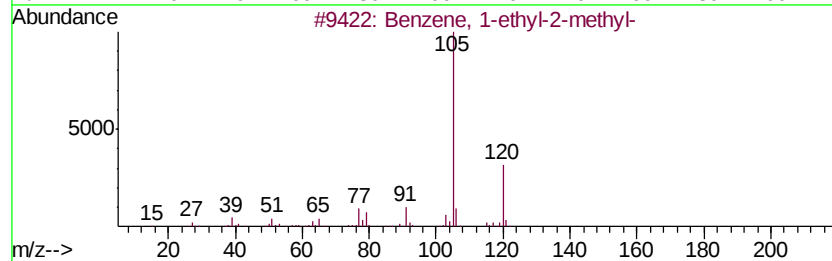
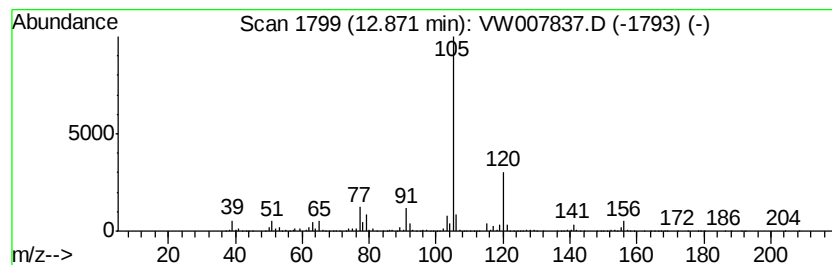
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Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	19.20 ug/l	1199580	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90



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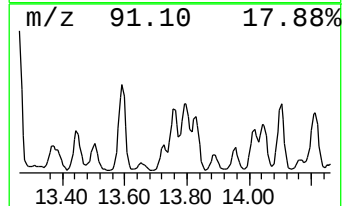
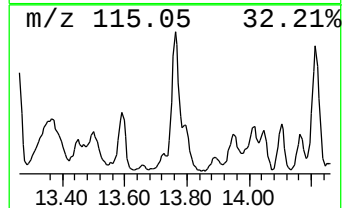
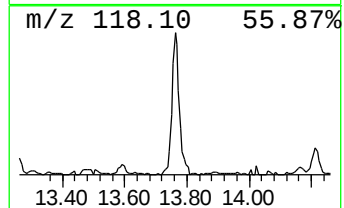
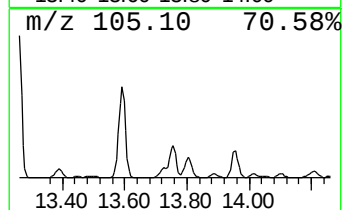
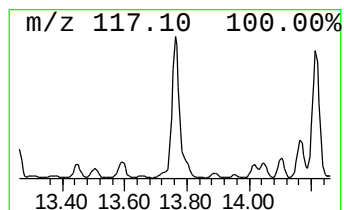
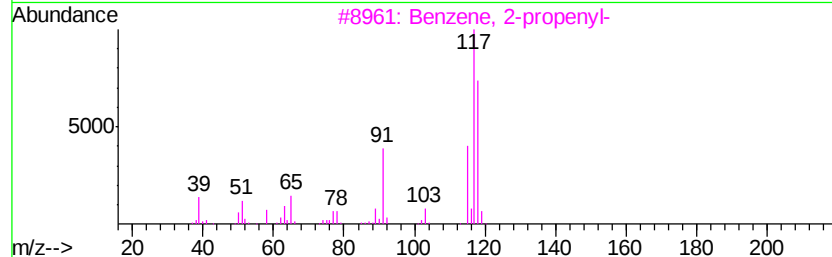
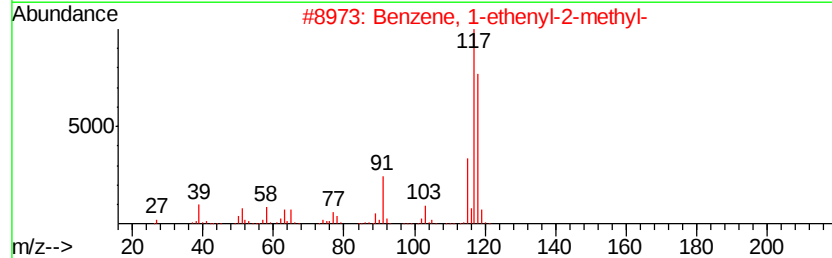
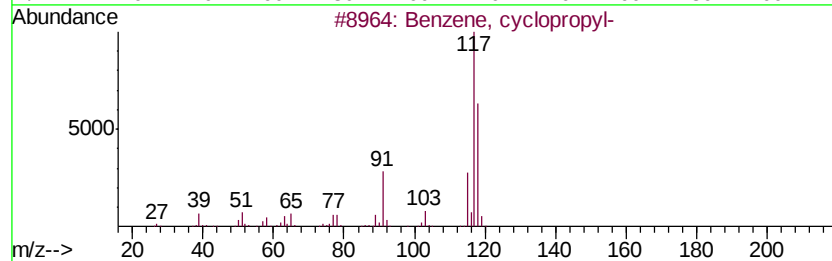
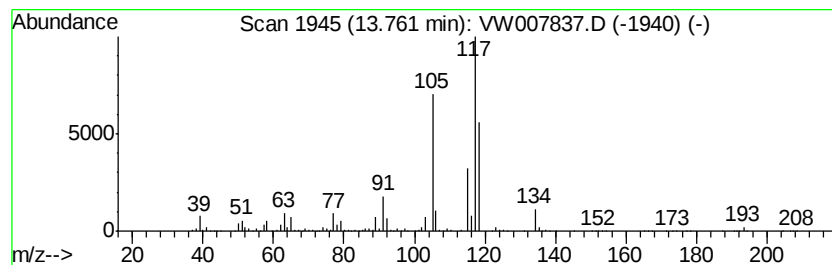
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Peak Number 4 Benzene, cyclopropyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	11.86 ug/l	741132	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
4		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	53
5		Indane	118	C9H10	000496-11-7	53



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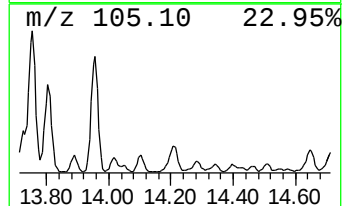
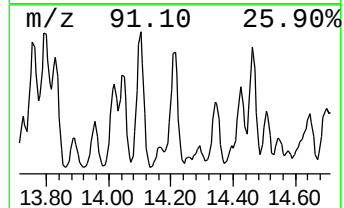
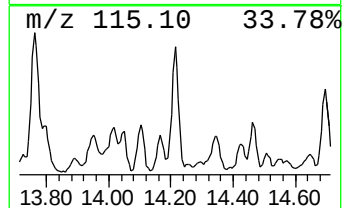
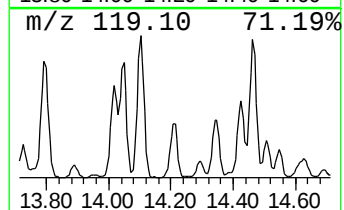
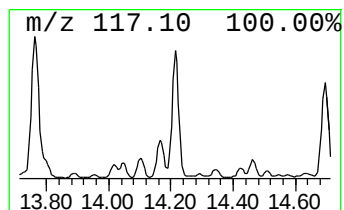
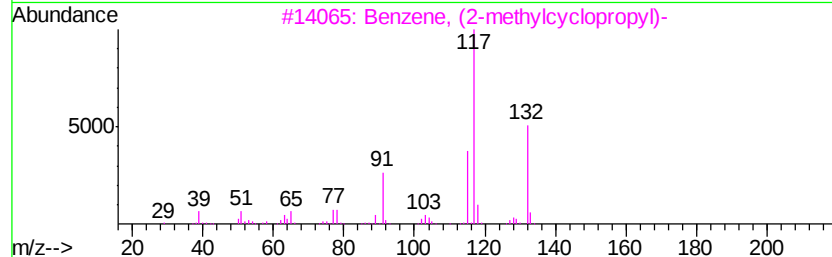
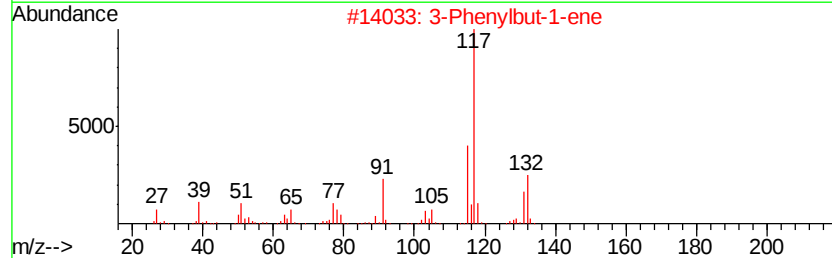
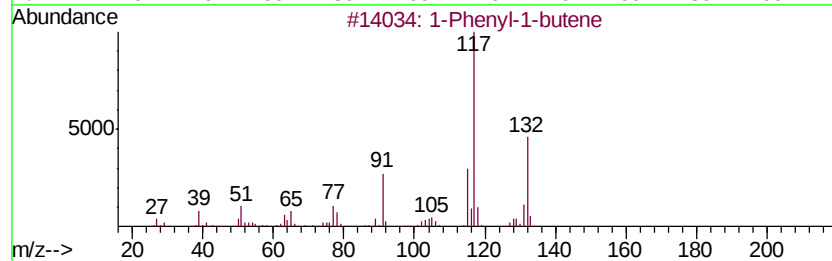
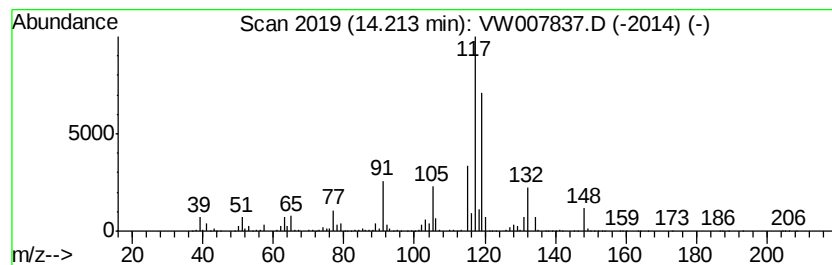
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Peak Number 5 1-Phenyl-1-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	7.55 ug/l	471794	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
3		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	60
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	58
5		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
Data File : VW007837.D
Acq On : 22 Dec 2018 12:16
Operator : SY/AP
Sample : J6426-18
Misc : 6.60G/5ML/MSVOA_W/SOIL
ALS Vial : 48 Sample Multiplier: 1

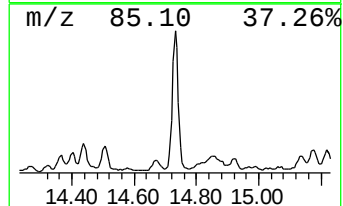
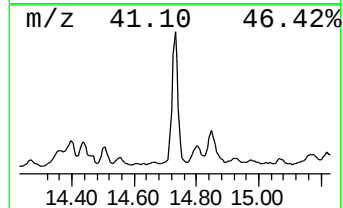
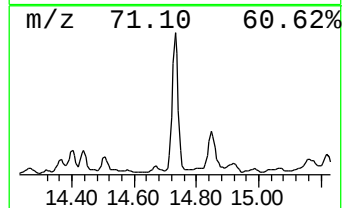
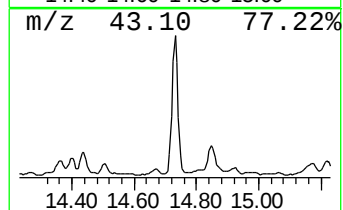
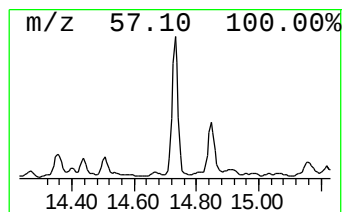
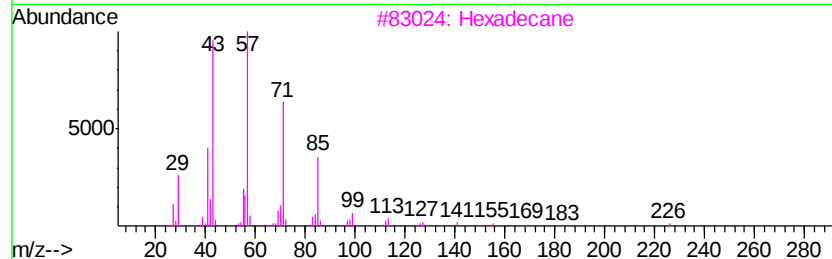
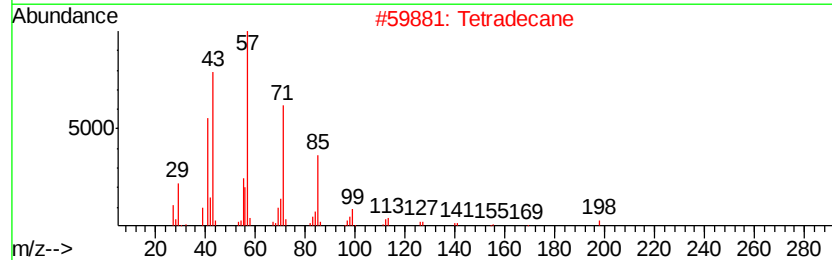
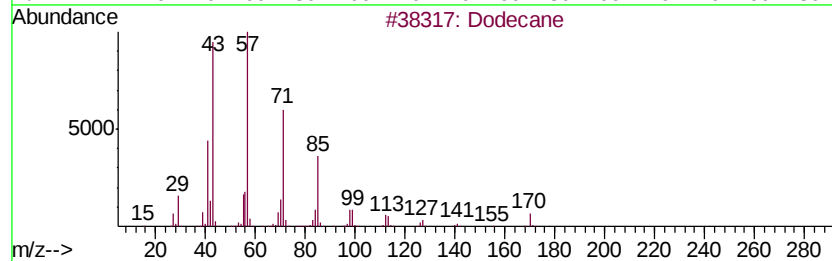
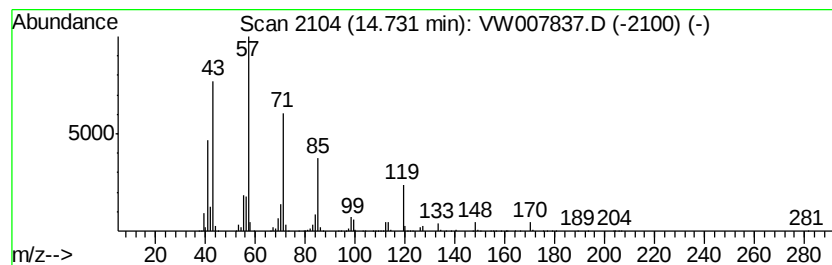
Instrument :
MSVOA_W
ClientSampleId :
P001-SS019-1824-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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

Peak Number 6 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	16.12 ug/l	1007270	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	96
2	Tetradecane	198 C14H30	000629-59-4	62
3	Hexadecane	226 C16H34	000544-76-3	58
4	Tridecane	184 C13H28	000629-50-5	58
5	Undecane	156 C11H24	001120-21-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
Data File : VW007837.D
Acq On : 22 Dec 2018 12:16
Operator : SY/AP
Sample : J6426-18
Misc : 6.60G/5ML/MSVOA_W/SOIL
ALS Vial : 48 Sample Multiplier: 1

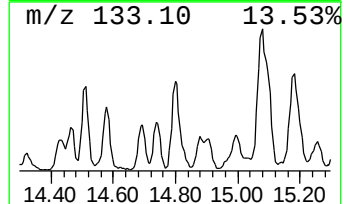
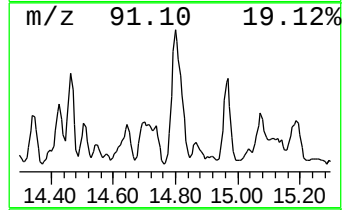
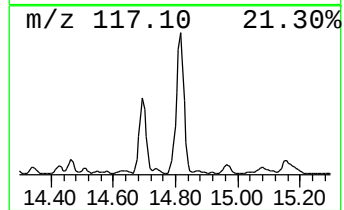
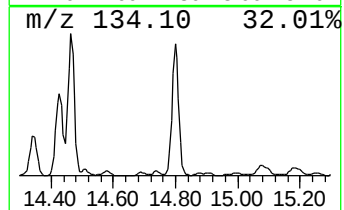
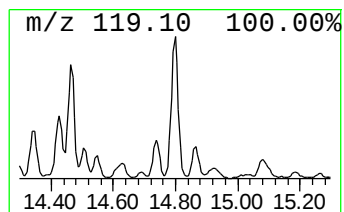
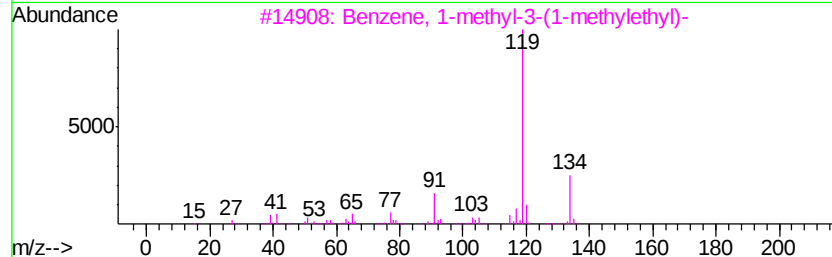
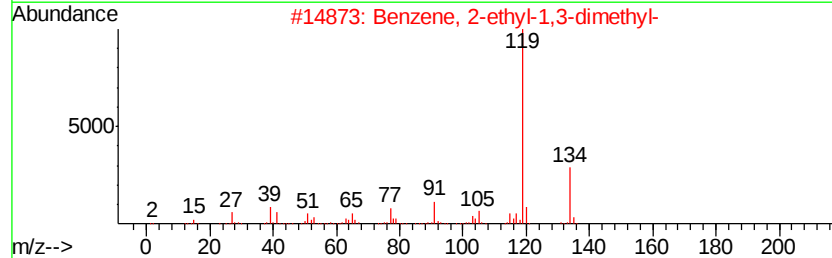
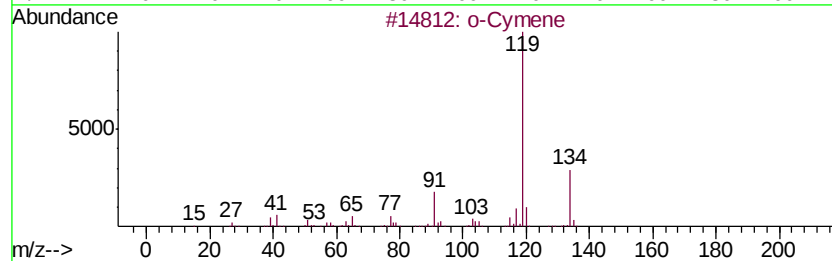
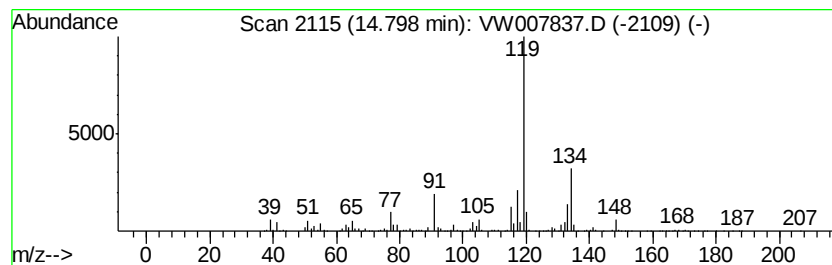
Instrument :
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ClientSampleId :
P001-SS019-1824-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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

Peak Number 7 o-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	19.56 ug/l	1222450	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 64
2		Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4 64
3		Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3 64
4		p-Cymene	134 C10H14	000099-87-6 64
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134 C10H14	076089-59-3 62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
Data File : VW007837.D
Acq On : 22 Dec 2018 12:16
Operator : SY/AP
Sample : J6426-18
Misc : 6.60G/5ML/MSVOA_W/SOIL
ALS Vial : 48 Sample Multiplier: 1

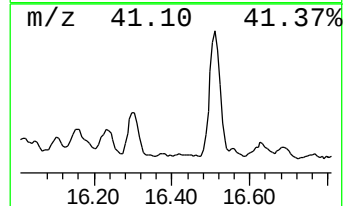
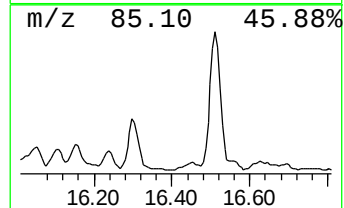
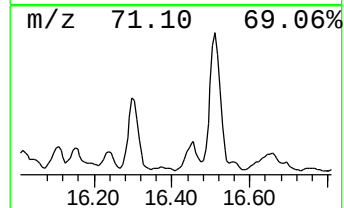
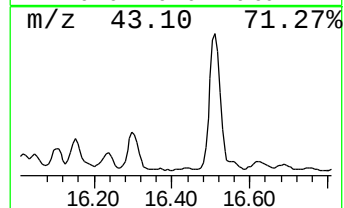
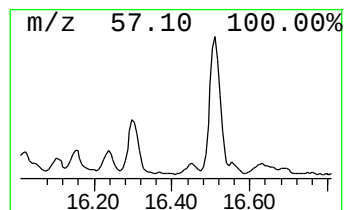
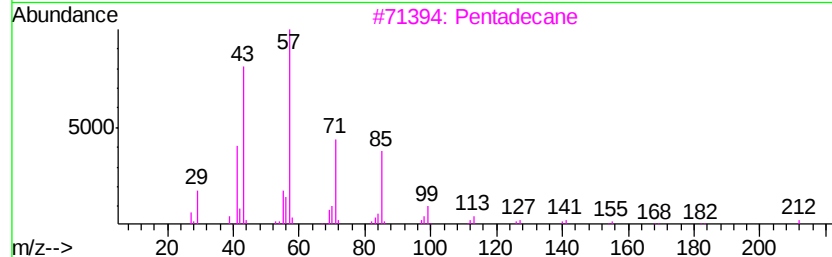
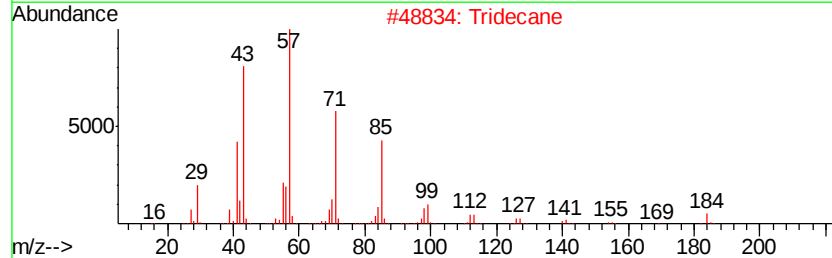
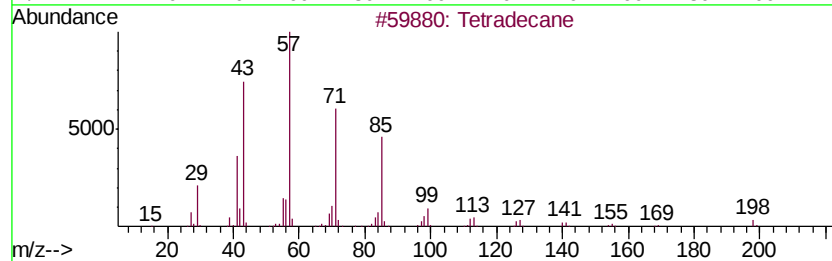
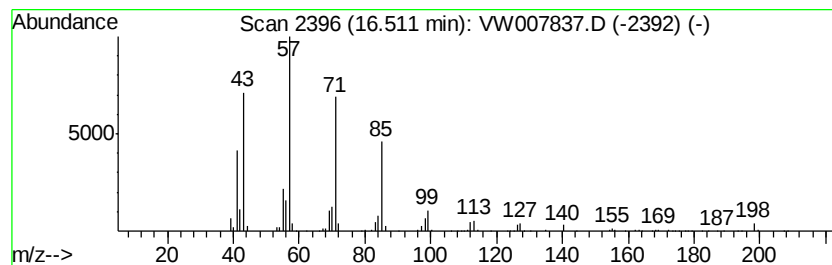
Instrument :
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ClientSampleId :
P001-SS019-1824-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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

Peak Number 9 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	8.55 ug/l	534213	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 98
2		Tridecane	184 C13H28	000629-50-5 91
3		Pentadecane	212 C15H32	000629-62-9 90
4		Dodecane	170 C12H26	000112-40-3 72
5		Hexadecane	226 C16H34	000544-76-3 64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
Data File : VW007837.D
Acq On : 22 Dec 2018 12:16
Operator : SY/AP
Sample : J6426-18
Misc : 6.60G/5ML/MSVOA_W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SS019-1824-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.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
Heptane, 3-ethyl-...	12.37	8.6	ug/l	199269	3	11.63	1156220	50.0
Benzene, 1-ethyl-...	12.87	19.2	ug/l	1199580	4	13.55	3124590	50.0
Benzene, cyclopro...	13.76	11.9	ug/l	741132	4	13.55	3124590	50.0
1-Phenyl-1-butene	14.21	7.5	ug/l	471794	4	13.55	3124590	50.0
Dodecane	14.73	16.1	ug/l	1007270	4	13.55	3124590	50.0
o-Cymene	14.80	19.6	ug/l	1222450	4	13.55	3124590	50.0
Tetradecane	16.51	8.6	ug/l	534213	4	13.55	3124590	50.0