

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083121\
 Data File : VD070281.D
 Acq On : 31 Aug 2021 15:57
 Operator : VA/SY
 Sample : M3605-05
 Misc : 4.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PD-1

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\82D081321S.M
 Title : SW846 8260

Signal : TIC: VD070281.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.961	507	517	529	rBV2	25838	87045	2.83%	0.378%
2	7.197	890	897	905	rVB2	17248	41186	1.34%	0.179%
3	7.914	1008	1019	1024	rBV	264171	657218	21.40%	2.853%
4	7.979	1024	1030	1042	rVB	617416	1355185	44.12%	5.882%
5	8.326	1076	1089	1101	rBV2	357612	857461	27.92%	3.722%
6	8.861	1171	1180	1192	rBV	1061951	2105676	68.56%	9.140%
7	10.338	1423	1431	1439	rBV	1689981	3071431	100.00%	13.331%
8	11.449	1610	1620	1628	rVB9	31629	82109	2.67%	0.356%
9	11.637	1643	1652	1662	rBV	1562277	2702983	88.00%	11.732%
10	11.849	1678	1688	1693	rBV3	133339	263494	8.58%	1.144%
11	12.173	1730	1743	1750	rBV6	48022	161624	5.26%	0.702%
12	12.261	1750	1758	1762	rVB5	21737	42520	1.38%	0.185%
13	12.355	1762	1774	1775	rBV7	37578	90737	2.95%	0.394%
14	12.626	1813	1820	1829	rVB	1253596	2102606	68.46%	9.126%
15	12.790	1843	1848	1856	rVB5	41620	103472	3.37%	0.449%
16	12.873	1856	1862	1866	rBV2	89903	170007	5.54%	0.738%
17	12.943	1866	1874	1881	rVV3	337395	667006	21.72%	2.895%
18	13.002	1881	1884	1888	rVB4	31426	42389	1.38%	0.184%
19	13.114	1895	1903	1908	rBV3	36195	104442	3.40%	0.453%
20	13.173	1909	1913	1922	rVV3	75863	127012	4.14%	0.551%
21	13.261	1922	1928	1933	rVV	205473	324918	10.58%	1.410%
22	13.455	1954	1961	1965	rVV7	75126	149583	4.87%	0.649%
23	13.502	1965	1969	1972	rVV4	43036	72295	2.35%	0.314%
24	13.567	1973	1980	1989	rVV	1538080	2720000	88.56%	11.806%
25	13.631	1989	1991	1995	rVB4	37850	45223	1.47%	0.196%
26	13.761	2008	2013	2016	rBV3	57964	90902	2.96%	0.395%
27	13.796	2016	2019	2024	rVB2	48329	73542	2.39%	0.319%
28	13.884	2028	2034	2039	rBV	433311	659928	21.49%	2.864%
29	14.049	2054	2062	2065	rBV6	44297	102401	3.33%	0.444%
30	14.102	2067	2071	2075	rVB3	72658	119361	3.89%	0.518%
31	14.214	2085	2090	2095	rVB3	77558	124136	4.04%	0.539%
32	14.273	2095	2100	2106	rVB8	31728	64179	2.09%	0.279%
33	14.355	2106	2114	2115	rBV8	54237	104177	3.39%	0.452%
34	14.402	2117	2122	2125	rVV4	74772	125871	4.10%	0.546%
35	14.437	2125	2128	2131	rVV4	29872	41552	1.35%	0.180%
36	14.508	2137	2140	2144	rBV4	59290	74584	2.43%	0.324%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

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Start Thrs: 0.2

Max Peaks: 100

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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37	14.555	2144	2148	2154	rVB5	73515	127679	4.16%	0.554%
38	14.702	2170	2173	2174	rBV3	26478	30882	1.01%	0.134%
39	14.737	2174	2179	2185	rVV2	331361	470717	15.33%	2.043%
40	14.808	2185	2191	2196	rVV4	128877	292982	9.54%	1.272%
41	14.855	2196	2199	2207	rVB2	117193	212693	6.92%	0.923%
42	14.973	2214	2219	2225	rVB	80640	138130	4.50%	0.600%
43	15.078	2234	2237	2241	rVB5	34749	48818	1.59%	0.212%
44	15.190	2251	2256	2261	rBV3	43853	82674	2.69%	0.359%
45	15.273	2266	2270	2278	rVB7	55228	114888	3.74%	0.499%
46	15.349	2278	2283	2294	rBV4	112467	247656	8.06%	1.075%
47	15.443	2294	2299	2303	rBV3	42870	81636	2.66%	0.354%
48	15.578	2318	2322	2332	rVB	193132	340823	11.10%	1.479%
49	15.684	2332	2340	2347	rBV8	39498	114218	3.72%	0.496%
50	15.761	2349	2353	2358	rVB8	28319	54554	1.78%	0.237%
51	15.890	2370	2375	2382	rVB2	98436	184363	6.00%	0.800%
52	16.043	2396	2401	2403	rBV6	23333	36632	1.19%	0.159%
53	16.214	2421	2430	2435	rBV5	59199	156483	5.09%	0.679%
54	16.325	2445	2449	2454	rVB3	29947	52346	1.70%	0.227%
55	16.408	2458	2463	2470	rVV2	57257	124312	4.05%	0.540%
56	16.478	2470	2475	2480	rVV2	69874	135932	4.43%	0.590%
57	16.537	2480	2485	2492	rVB2	65079	127950	4.17%	0.555%
58	16.684	2503	2510	2516	rBV4	52255	134366	4.37%	0.583%

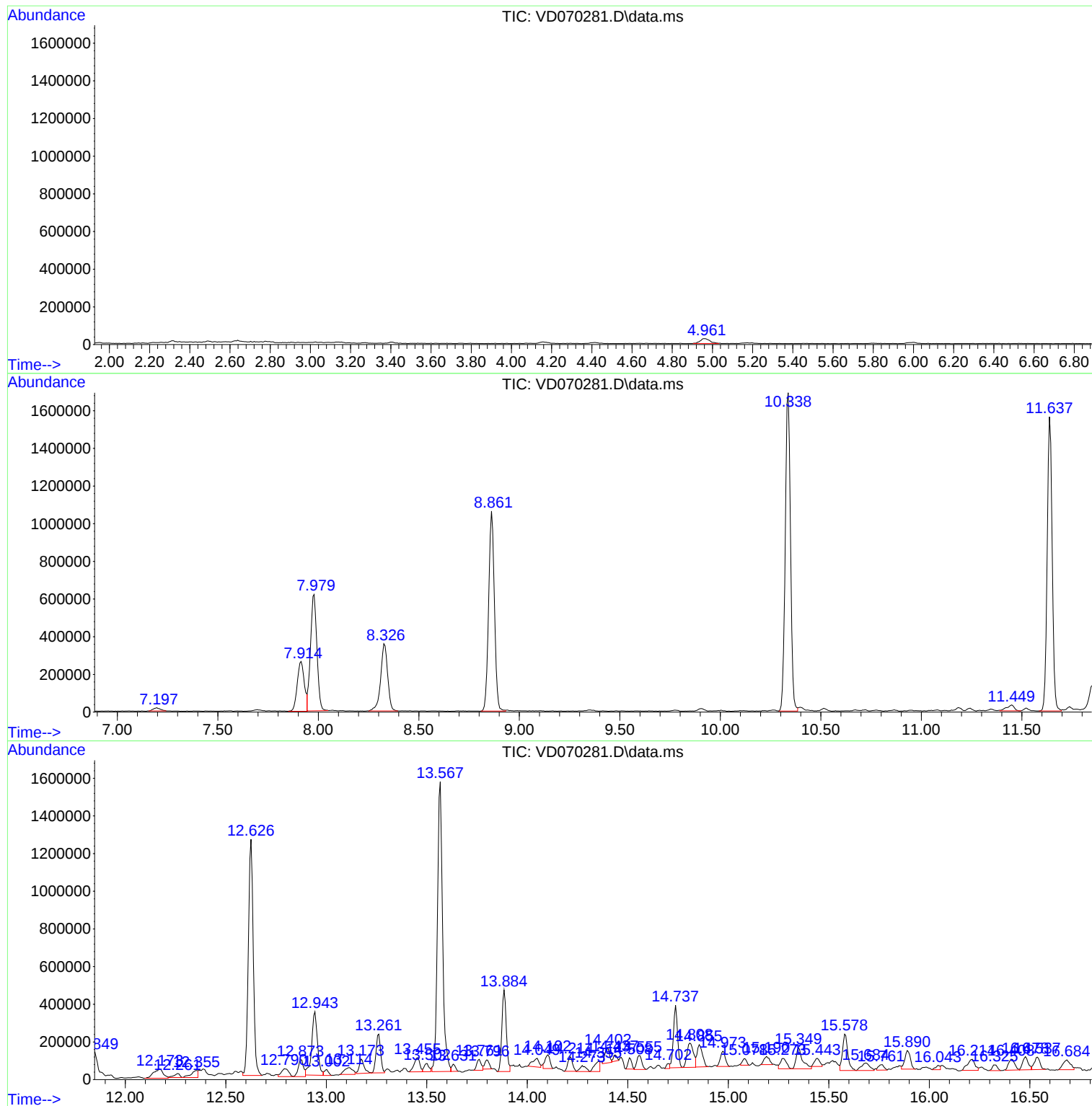
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260

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



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Misc : 4.94G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
PD-1

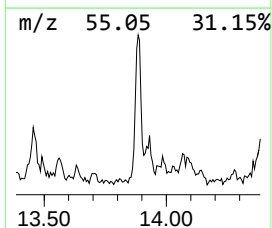
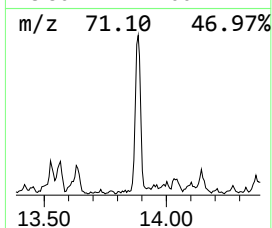
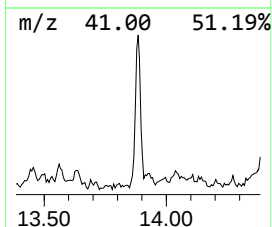
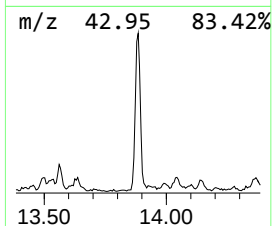
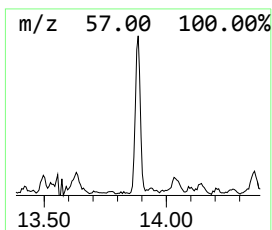
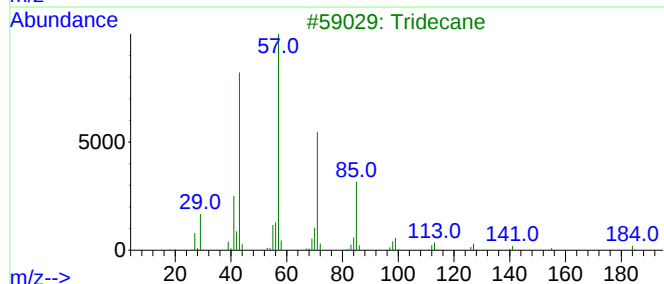
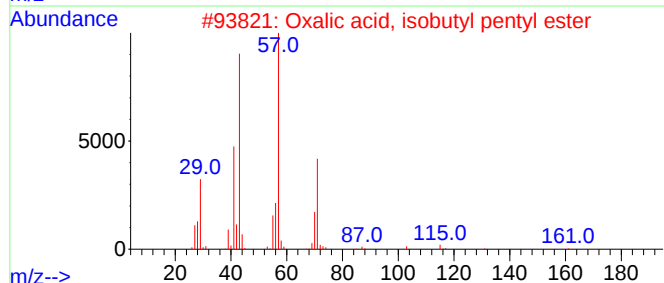
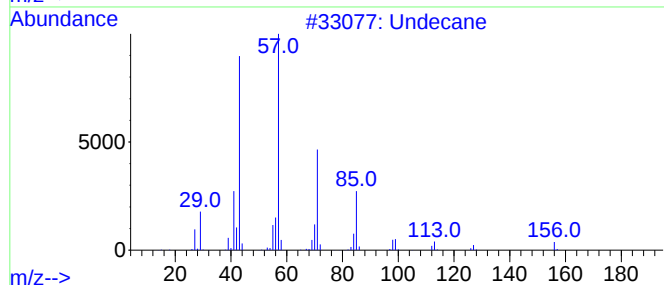
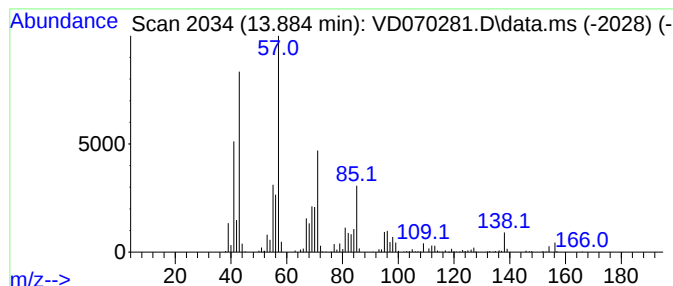
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260

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

Peak Number 1 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.884	12.13 ug/l	659928	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	64
2			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	47
3			Tridecane	184	C13H28	000629-50-5	47
4			Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	43
5			Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	43



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Misc : 4.94G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PD-1

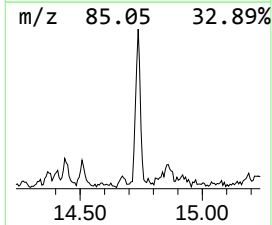
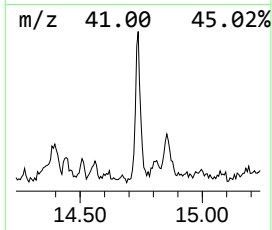
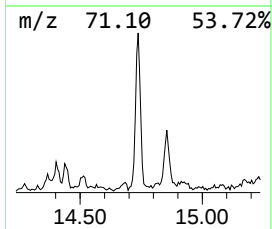
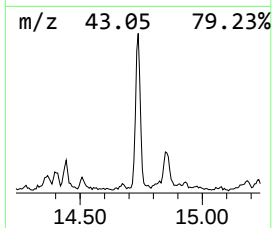
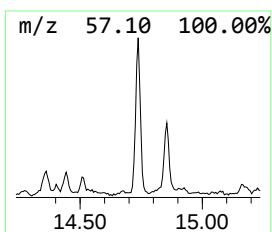
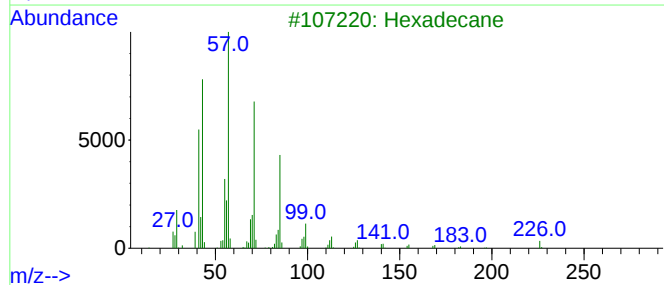
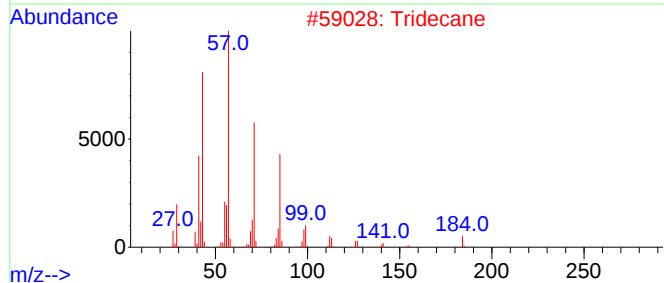
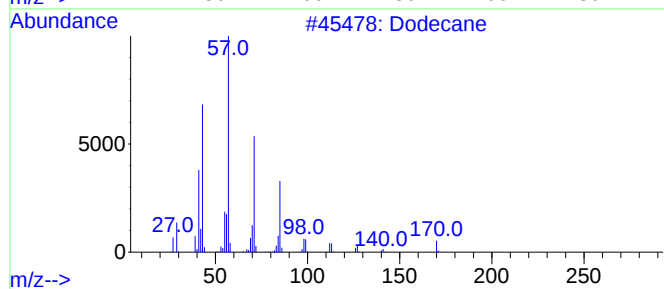
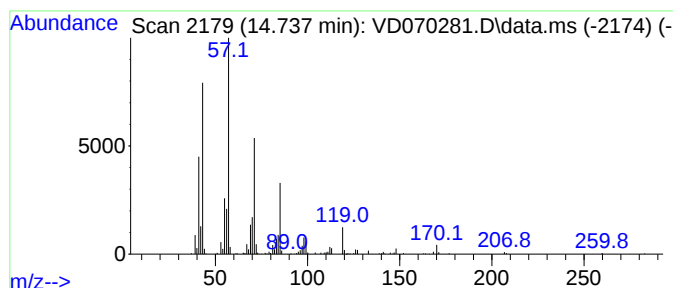
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260

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

Peak Number 2 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.737	8.65 ug/l	470717	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	90
2			Tridecane	184	C13H28	000629-50-5	80
3			Hexadecane	226	C16H34	000544-76-3	80
4			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	64
5			Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083121\
Data File : VD070281.D
Acq On : 31 Aug 2021 15:57
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Sample : M3605-05
Misc : 4.94G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
PD-1

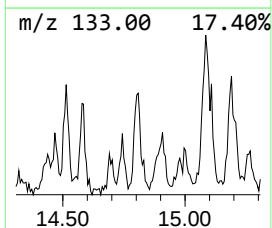
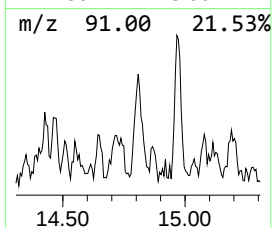
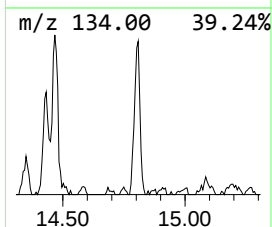
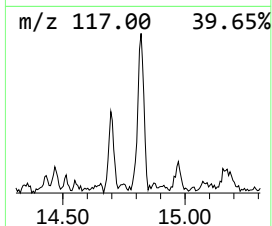
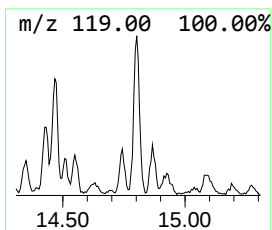
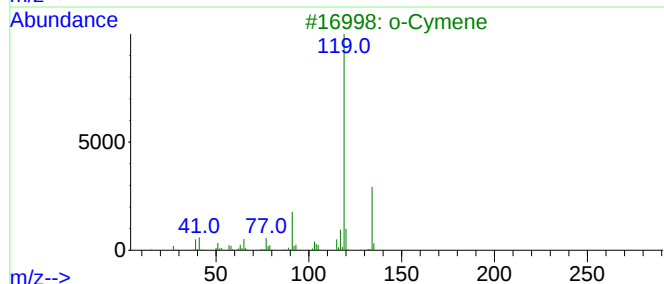
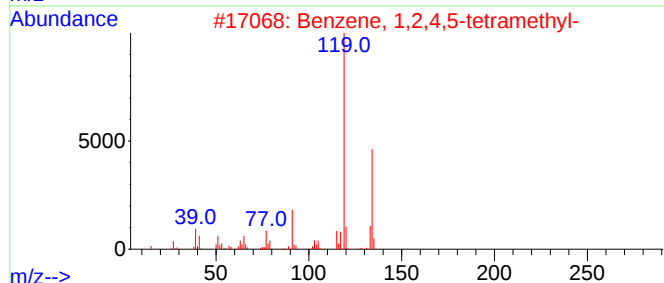
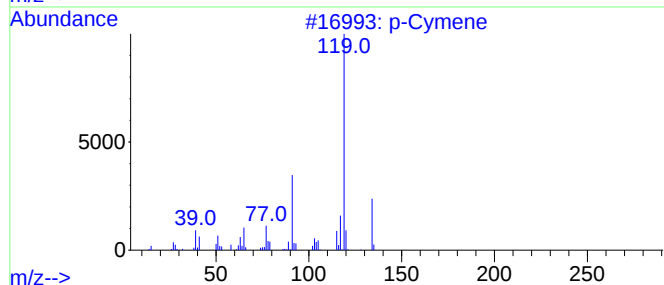
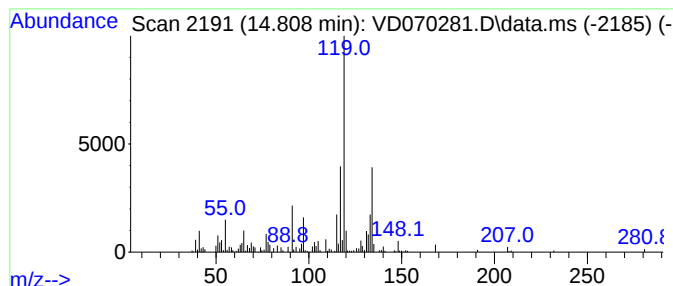
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260

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

Peak Number 3 p-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.808	5.39 ug/l	292982	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	64
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3			o-Cymene	134	C10H14	000527-84-4	64
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60



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Instrument :
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ClientSampleId :
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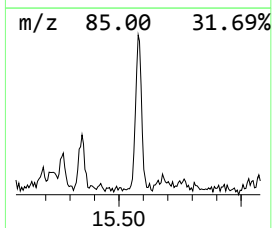
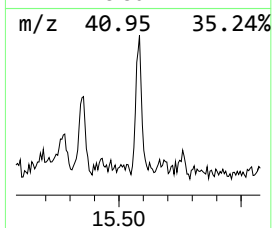
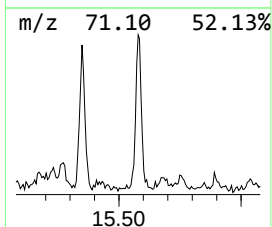
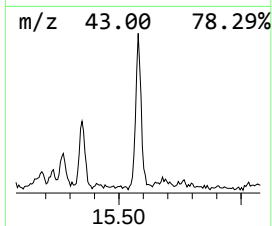
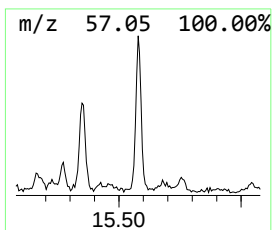
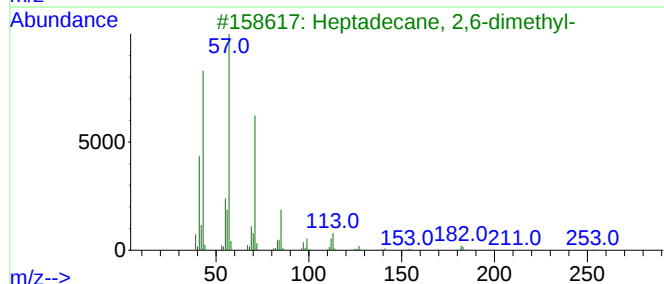
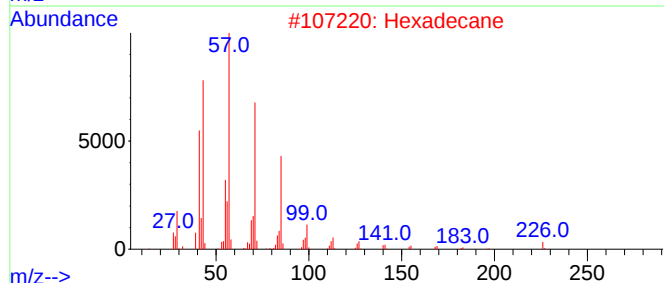
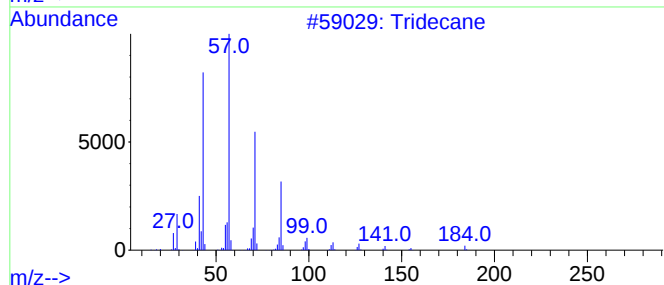
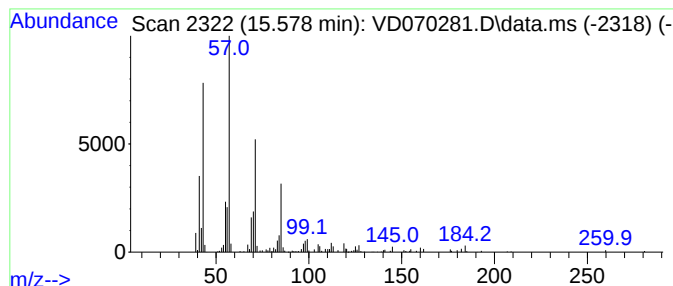
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260

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

Peak Number 4 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.578	6.27 ug/l	340823	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	87
2			Hexadecane	226	C16H34	000544-76-3	86
3			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
4			Tetradecane	198	C14H30	000629-59-4	64
5			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	64



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Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Undecane	13.884	12.1	ug/l	659928	4	13.567	2720000	50.0
Dodecane	14.737	8.7	ug/l	470717	4	13.567	2720000	50.0
p-Cymene	14.808	5.4	ug/l	292982	4	13.567	2720000	50.0
Tridecane	15.578	6.3	ug/l	340823	4	13.567	2720000	50.0